

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](#)

[View MOU](#)

2010

BMP 2.1 Public Outreach - Retail Reporting

Is a Wholesale Agency Performing Public Outreach?

Are there one or more wholesale agencies performing public outreach which can be counted to help your agency comply with the BMP?

Yes No

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

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
4	Newsletter articles on conservation
5	Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets
2	Landscape water conservation media campaigns
5	General water conservation information
3	Website

Contact with the Media

Are there one or more wholesale agencies performing media outreach which can be counted to help your agency comply with the BMP?

Yes No

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

OR Retail 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
5		Articles or stories resulting from outreach
6		News releases
4		Newspaper contacts
2		Radio contacts
6		Television contacts
		Select a type of media contact

Is a Wholesale Agency Performing Website Updates?

Did one or more CUWCC wholesale agencies agree to assume your agency's responsibility for meeting the requirements of and for CUWCC reporting of this BMP?

Yes No

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

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address):

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

Posting of quarterly newsletter
 Posting of drought rates
 Posting of drought ordinance
 Posting of acceptable water saving practices

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? (If yes, check the box)	Comments
Public Awareness	\$182,000	<input type="checkbox"/>	
		<input type="checkbox"/>	

Comments:

The fields in red are required.

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name (District name): Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.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.



[Link to FAQs](#)

2010

BMP 2.1 Public Outreach Cont'd

[View MOU](#)

Public Outreach Expenses

Enter expenses for public outreach programs. Please include the same kind of expenses you included in the question related to your budget (Section 2.1.7, above). For example, if you included personnel costs in the budget entered above, be sure to include them here as well.

Expense Category	Expense Amount	Personnel Costs Included?
Newsletter	\$45,000	<input type="checkbox"/> If yes, check the check box.
Outreach and Advertising	\$40,000	<input type="checkbox"/>
Education	\$15,000	<input type="checkbox"/>
Water Awareness Campaign	\$5,000	<input type="checkbox"/>

Additional Public Information Program

Please report additional public information contacts. List these additional contacts in order of how your agency views their importance / effectiveness with respect to conserving water, with the most important/ effective listed first (where 1 = most important).

Were there additional Public Outreach efforts?

Yes No

Public Outreach Additional Information

Public Information Programs	Importance

Social Marketing Programs

Branding

Does your agency have a water conservation "brand," "theme" or mascot? Yes No

Describe the brand, theme or mascot.

Market Research

Have you sponsored or participated in market research to refine your message? Yes No

Market Research Topic

Brand Message

Brand Mission Statement

Community Committees

Do you have a community conservation committee?

Yes No

Enter the names of the community committees:

North County Water Agencies

Training

Training Type	# of Trainings	# of Attendees	Description of Other

Social Marketing Expenditures

Public Outreach Social Marketing Expenses

Expense Category	Expense Amount	Description

Partnering Programs - Partners

Name

Type of Program

CLCA?

Green Building Programs?

Master Gardeners?

Cooperative Extension?

Local Colleges?

Other

Retail and wholesale outlet; name(s) and type(s) of programs:

Partnering Programs - Newsletters

Number of newsletters per year

Number of customers per year

Partnering with Other Utilities

Describe other utilities your agency partners with, including electrical utilities

Conservation Gardens

Describe water conservation gardens at your agency or other high traffic areas or new

In 2010 Vallejos revamped its existing garden at its headquarters to one featuring sustainability such as a rain gutter harvesting system, three rain barrels capable of storing 2,500 gallons of rain water, California native plants, and solar power to meet energy needs.

Landscape contests or awards

Describe water wise landscape contest or awards program conducted by your agency

Landscape contest discontinued for 2010.

Comments:

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](#)

2010

BMP 2.2 School Education Programs, Retail Agencies School Programs

[View MOU](#)

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

Yes No

Enter Wholesaler Names, separated by commas:

Materials meet state education framework requirements?

Description of Materials

Materials distributed to K-6 Students?

Description of materials distributed to K-6 Students

Number of students reached

Materials distributed to 7-12 Students?

Description of materials distributed to 7-12 Students

Number of Distribution

Annual budget for school education program

Description of all other water supplier education programs

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

Water conservation poster contest coordinated annually through collaboration with other local water districts

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 fields in red are required:



Agency name:

Reporting unit name (District name):

Reporting unit number:

Primary contact:

First name:

Last name:

Email:

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.

2010

BMP 3 Residential

[Link to FAQs](#)

[View MOU](#)

Traditional
(Sections A - D)

Flex Track
(All Sections)

For Traditional Track please answer the fields within the traditional boxes.

For Flex Track option, please answer the fields within the flex track boxes.

You must enter all measured water savings manually. For each measure entered, upload a spreadsheet with sufficient information to show the way that water savings were measured and that the measure was adequately tracked (i.e., all relevant data was collected) - in some cases there are specific data points also requested in form which are necessary to show that the measure was implemented as described.

A) Residential Assistance / Leak Detection

		Single Family	Multi Family	Total Water Savings AF/YR	Measured Water Savings AF/YR	
Flex Track	Traditional	Total Number of Accounts	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Total Number of Participants Overall	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Total Number of Leak Det Surveys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Total Number of Showerheads	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Total Number of Faucet Aerators	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Total Number of Landscape Water Survey	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		Number of Other Components	<input type="text"/>			
Description of Other Components Distributed		<input type="text"/>				

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

B) High Efficiency Clothes Washers (HECWs)

Flex Track	Traditional	Number of incentives for HECWs with an AVERAGE Water Factor of 5.0 <input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
		Are Financial incentives provided for HECWs? <input type="radio"/> Yes <input type="radio"/> No	
		Has your Agency completed a HECW Market Penetration Study (this question does not impact your coverage report, purely informational) <input type="radio"/> Yes <input type="radio"/> No	
		HECW Market Penetration Study Documents (Enter the file name and Email file to Natalie@cuwcc.org) <input type="text"/>	

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

C) WaterSense Specification (WSS) Toilets

(Agency must complete information for at least one coverage option (For Traditional 1, 2, or 3; For Flex Track 1, 2, 3, or 4).

You are encouraged to include information on other coverage options, as available.

If seeking credit for additional water savings, you must select Flex Track option)

Traditional

1. Retrofit Resale Ordinances in Place Yes No

If Yes, Choose A File (Enter the file name and Email file to Natalie@cuwcc.org)

2. A 75% Market Saturation Achieved Yes No

If yes, Choose A File (Enter the file name and Email file to Natalie@cuwcc.org)

3. WSS Toilets Installed

	Single Family	Multi Family
Number of WSS Toilets Installed	<input type="text"/>	<input type="text"/>

Measured Water Savings AF/YR	<input type="text"/>	<input type="text"/>
------------------------------	----------------------	----------------------

Flex Track

4. Non-WSS Toilets

Type of Toilets	Single Family		Multi Family	
	Number of Toilets	Water Savings	Number of Toilets	Water Savings
Select an Option	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description of Other Non-WSS Type of Toilets

If you are using your own water-savings measure, send your supporting spreadsheet

Enter the file name and Email to Natalie@cuwcc.org

D) WSS for New Residential Development

(Agency must complete information for at least one coverage option. You are encouraged to include information on other coverage options, as available. If seeking credit for additional water savings you must select the Flex Track option)

E) High bill contact with single-family and multi-family customers

Measured water savings (AF/Year)

Select the Types of Contact:

- Email Phone Letter Others (describe)

Upload sample of contact contents (email, letter, etc.)

- if applicable, enter the file name and email file to Natalie@cuwcc.org

Who initiated the contact:

(Please Specify customer, agencies, or both)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)

(Enter the file name and Email file to Natalie@cuwcc.org)

F) Educate residential customers about the behavioral aspects of water conservation

Measured water savings (AF/Year)

Select types of educational methods used:

- Workshop
 Community Event
 Letter
 On-Site Visit
 Phone Call
 Water Survey
 Website Hit
 Door Hanger
 Other (Describe)

Events

Customers Reached

<input type="text"/>

<input type="text"/>

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)

(Enter the file name and Email file to Natalie@cuwcc.org)

G) Notify residential customers of leaks on the customer's side of the meter

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

J) Install residence water use monitors.

Type of Monitor	Brand	Number Installed	Measured water savings (AF/Year)
<input type="checkbox"/> Dashboard	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Leak Detector	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> Data Logger	<input type="text"/>	<input type="text"/>	

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

K) Participate in programs that provide residences with school water conservation kits.

Number of Kits Distributed

Kit contents (including model of fixtures)

List of what was actually installed in the homes (number of showerheads, aerators etc.)

Measured water savings (AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

L) Implement an automatic meter reading program for residential customers.

AMR or AMI Select an Option Type of Network Select an Option

Number of connections installed

Is your agency using these to contact high water-use customers?

Measured water savings (AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

Table 3-1: Base Daily per Capita Water Use – 10-Year Range

Base period year		Distribution System Population	Daily System Gross Water Use (MGD)	Average Daily per Capita Water Use (gpcd)	Average gpcd 10-Year
Sequence Year	Fiscal Year End				
Year 1	1995	50,149	8.81	175.6	
Year 2	1996	51,974	10.06	193.6	
Year 3	1997	53,865	10.45	193.9	
Year 4	1998	55,825	9.59	171.8	
Year 5	1999	57,856	10.73	185.5	
Year 6	2000	59,968	12.48	208.1	
Year 7	2001	60,481	12.08	199.7	
Year 8	2002	64,154	13.33	207.7	
Year 9	2003	67,191	13.41	199.6	
Year 10	2004	70,668	14.91	211.0	
Year 11	2005	75,992	14.30	188.2	195.9
Year 12	2006	79,986	15.30	191.2	195.7
Year 13	2007	82,967	17.29	208.3	197.1
Year 14	2008	85,910	16.55	192.7	199.2
Year 15	2009	86,673	15.53	179.2	198.6
Year 16	2010	87,728	13.56	154.6	193.2
Base Daily per Capita Water Use					199.2

The fields in red are required.



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

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.

2010

[Link to FAQs](#)

[View MOU](#)

BMP 4 CII

Traditional FlexTrack
 (Section A - L) (All Sections)

For Traditional Track please answer the fields within the traditional boxes.

For Flex Track option, please answer the fields within the flex track boxes.

You must enter all measured water savings manually in the summary cells on the right. For each measure entered, upload a spreadsheet with sufficient information to show the way that water savings was measured and that the measure was adequately tracked (i.e., all relevant data was collected) - in some cases there are specific data points also requested in the flex track data entry form which are necessary to show that the measure was implemented as described.

CII Type of measure implemented

Traditional	A) High - Efficiency Toilets.		Measured water savings (AF/Year) <input type="text"/>
	Number	<input type="text"/>	
	Type of program	<input type="text" value="Select an Option"/>	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.041748 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings (AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input type="text"/>			

B) High - Efficiency Urinals (0.5 gpf)

Flex Track	Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)	<input type="text"/>
		Type of program	<input type="text"/>		
Other type of program	<input type="text"/>				
		Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.069086 AF per device	
		If not, Please provide the following			
		Total Measured Water Savings(AF/Year)	<input type="text"/>		
		Measure life (years)	<input type="text"/>		
		Lifetime water savings (years)	<input type="text"/>		
		If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			

C) Ultra Low Volume Urinals (0.125 gpf)

Flex Track	Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)	<input type="text"/>
		Type of program	Select an Option		
Other type of program	<input type="text"/>				
		Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.080603 AF per device	
		If not, Please provide the following			
		Total Measured Water Savings(AF/Year)	<input type="text"/>		
		Measure life (years)	<input type="text"/>		
		Lifetime water savings (years)	<input type="text"/>		
		If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			

D) Zero Consumption Urinals (0.0 gpf)

Flex Track	Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)	<input type="text"/>
		Type of program	Select an Option		
Other type of program	<input type="text"/>				
		Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No			

Flex Track	If not, Please provide the following:		Council's Annual Water Savings 0.0921146 AF per device
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			

E) Commercial High - Efficiency Single Load Clothes Washers

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	<input type="text"/>	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.116618 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			

F) Cooling Tower Conductivity Controllers.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	Select an Option <input type="text"/>	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 1.032250 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			

G) Cooling Tower pH Controllers

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)
	Type of program	<input type="text" value="Select an Option"/>	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 3.981543 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			<input type="text"/>

H) Connectionless Food Steamers.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)
	Type of program	<input type="text"/>	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.25 AF per Steamer Compartment
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			<input type="text"/>

I) Medical Equipment Steam Sterilizers

Flex Track	Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)
		Type of program	<input type="text"/>	
		Other type of program	<input type="text"/>	
				<input type="text"/>

Flex Track	Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No	Council's Annual Water Savings 1.538 AF per device
	If not, Please provide the following:	
	Total Measured Water Savings(AF/Year) <input type="text"/>	
	Measure life (years) <input type="text"/>	
Lifetime water savings (years) <input type="text"/>		
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org		

J) Water - Efficient Ice Machines.

Traditional	Number <input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program <input type="text" value="Select an Option"/>	
	Other type of program <input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No	Council's Annual Water Savings 0.0834507 AF per device
	If not, Please provide the following:	
	Total Measured Water Savings(AF/Year) <input type="text"/>	
	Measure life (years) <input type="text"/>	
Lifetime water savings (years) <input type="text"/>		
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org		

K) Pressurized Water Brooms.

Traditional	Number <input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program <input type="text" value="Select an Option"/>	
	Other type of program <input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No	Council's Annual Water Savings 0.1534 AF per device

Flex Track	If not, Please provide the following:	
	Total Measured Water Savings(AF/Year)	<input type="text"/>
	Measure life (years)	<input type="text"/>
	Lifetime water savings (years)	<input type="text"/>
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org		
<input type="text"/>		

L) Dry Vacuum Pumps.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.064 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org			
<input type="text"/>			

Traditional Reporting Stop Here, Do not continue

Flex Track Reporting Please Continue...

M) Industrial Process Water Use Reduction.

	Number	<input type="text"/>	Measured water savings (AF/Year)
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
	Type of Process Water Reduced	<input type="text"/>	
	If re-using water, what was the secondary use of the water? (such as pre-rinse cycle or landscaping)	<input type="text"/>	

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

N) Commercial Laundry Retrofits.

Number of customers

Measured water savings (AF/Year)

Type of customer
 hotels
 campuses
 prisons
 laundromats

Lease / own machines
 Lease Own Machines Both

Type of program

Other type of program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

O) Industrial Laundry Retrofits.

Total Number of customers

Measured water savings (AF/Year)

Total Volume of laundry processed annually

Type of program

Other type of program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

P) Filter Upgrades (for pools, spas, and fountains).

Number of pools upgraded

Number of spas upgraded

Number of fountains upgraded

Measured water savings (AF/Year)

Type of program

Other type of program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Q) Car Wash Reclamation Systems

Measured water savings (AF/Year)

Total Number of program participants (accounts)	Conveyor	In-bay
	<input type="text"/>	<input type="text"/>
Total Number of vehicles washed annually	<input type="text"/>	<input type="text"/>
Do you accept the Council's default savings number for this measure?	<input type="radio"/> Yes <input type="radio"/> No	
If not, Please provide the following:		
Total Measured Water Savings(AF/Year)	<input type="text"/>	
Measure life (years)	<input type="text"/>	
Lifetime water savings (years)	<input type="text"/>	

Council's Annual Water Savings 0.00004607 (or 15 gals) per vehicle

If you are using your own water-savings measure, send your supporting spreadsheet
 Enter the file name and Email to Natalie@cuwcc.org

R) Wet Cleaning.

Brief description of program	<input style="width: 300px; height: 50px;" type="text"/>	Measured water savings (AF/Year)
		<input type="text"/>
Total Measured Water Savings(AF/Year)	<input type="text"/>	
Measure life (years)	<input type="text"/>	
Lifetime water savings (years)	<input type="text"/>	

If you are using your own water-savings measure, send your supporting spreadsheet
 Enter the file name and Email to Natalie@cuwcc.org

S) Water Audits (To avoid double counting, do not include device/replacement water savings.)

Number of water audits by type of business		Measured water savings (AF/Year)
Auto	<input type="text"/>	<input type="text"/>
Food	<input type="text"/>	
Health	<input type="text"/>	
Hotels	<input type="text"/>	

Manufacturing

Membership

Multi-use

Office

Religious

Restaurant

Retail/
Wholesale

School

Other (with
description)

Description of
Other

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet.
Enter the file name and Email to Natalie@cuwcc.org



T) Clean In Place (CIP) Technology
(such as bottle sterilization in a beverage processing plant)

		Measured water savings (AF/Year)
Number of customers	<input type="text"/>	<input type="text"/>
Type of program	<input type="text" value="Select an Option"/>	
Other type of program	<input type="text"/>	

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

U) Waterless Wok

Number

Type of program

**Measured
water savings
(AF/Year)**

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

V) Alternative On-site Water Sources

**(For Rain Water Harvesting, commercial
rain barrels are excluded. For Foundation Drain
Water, exclude permeable paving.)**

**Measured
water savings
(AF/Year)**

Select type	Number	Description
<input type="checkbox"/> Cooling Condensate	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Foundation Drain Water	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Gray Water	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Storm Water	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Rain Water	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Pond and Water Feature Recycling	<input type="text"/>	<input type="text"/>

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
 Enter the file name and Email to Natalie@cuwcc.org

W) Sub - metering

**Measured
water savings
(AF/Year)**

Select type	Number	Description
<input type="checkbox"/> Condominiums	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Apartments	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Mobile Homes	<input type="text"/>	<input type="text"/>

Do you accept the Council's default savings numbers for this measure? Yes No

Council's Annual Water Savings
 Appartments & Condos=0.024419 AF/YR
 Mobile Home = 0.056774 AF/Yr

If not, Please provide the following:

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
 Enter the file name and Email to Natalie@cuwcc.org

X) High Efficiency Showerheads

**Measured
water savings
(AF/Year)**

Number

Type of program

Other type of program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Y) Faucet Flow Restrictors

Measured
water savings
(AF/Year)

Number

Type of program

Other type of program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Z) Water Efficient Dishwashers

Measured
water savings
(AF/Year)

Select type

Number

Rack

Conveyor

Other

Description of Other

Type of program

Other type of program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

AA) Hot Water on Demand

Number

Type of program

Select an Option

Other type of program

Measured water savings (AF/Year)

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

BB) Pre-rinse Spray Valves of 1.3 gpm (gallons per minute) or less

Number

Type of program

Select an Option

Other type of program

Measured water savings (AF/Year)

Total Measured Water Savings(AF/Year)
Measure life (years)
Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

CC) Central Flush Systems

Number **Measured water savings (AF/Year)**
Type of program
Other type of program

Total Measured Water Savings(AF/Year)
Measure life (years)
Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Other Measures chosen by the Agency

Description of program **Measured water savings (AF/Year)**
Sample (if applicable)

Total Measured Water Savings(AF/Year)
Measure life (years)
Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Table 3-1: Base Daily per Capita Water Use – 10-Year Range

Base period year		Distribution System Population	Daily System Gross Water Use (MGD)	Average Daily per Capita Water Use (gpcd)	Average gpcd 10-Year
Sequence Year	Fiscal Year End				
Year 1	1995	50,149	8.81	175.6	
Year 2	1996	51,974	10.06	193.6	
Year 3	1997	53,865	10.45	193.9	
Year 4	1998	55,825	9.59	171.8	
Year 5	1999	57,856	10.73	185.5	
Year 6	2000	59,968	12.48	208.1	
Year 7	2001	60,481	12.08	199.7	
Year 8	2002	64,154	13.33	207.7	
Year 9	2003	67,191	13.41	199.6	
Year 10	2004	70,668	14.91	211.0	
Year 11	2005	75,992	14.30	188.2	195.9
Year 12	2006	79,986	15.30	191.2	195.7
Year 13	2007	82,967	17.29	208.3	197.1
Year 14	2008	85,910	16.55	192.7	199.2
Year 15	2009	86,673	15.53	179.2	198.6
Year 16	2010	87,728	13.56	154.6	193.2
Base Daily per Capita Water Use					199.2



The fields in red are required.

Agency name:

Reporting unit name (District name):

Reporting unit number:

Primary contact:
 First name:
 Last name:
 Email:

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.

2010

BMP 5 Landscape

[Link to FAQs](#)

[View MOU](#)

Traditional

Flex Track

For Traditional Track please answer the fields within the traditional boxes.

For Flex Track option, please answer the fields within the flex track boxes.

You must enter all measured water savings manually. For each measure entered, upload a spreadsheet with sufficient information to show the way that water savings were measured and that the measure was adequately tracked (i.e., all relevant data was collected) - in some cases there are specific data points also requested in form which are necessary to show that the measure was implemented as described.

Accounts with Dedicated Irrigation Meters

Traditional	Number of dedicated irrigation meter accounts	<input type="text"/>
	Number of dedicated irrigation meter accounts with water budgets	<input type="text"/>
	Aggregate water use for dedicated non-recreational landscape accounts with budgets	<input type="text"/>
	Aggregate acreage assigned water budgets for dedicated non-recreational landscape accounts with budgets	<input type="text"/>
	Preserved water use records and budgets for customers with dedicated landscape irrigation accounts for at least four years	<input type="radio"/> Yes <input type="radio"/> No
Flex Track	Water Savings from Accounts with dedicated irrigation meters with water budgets (Acre Feet)	<input type="text"/>
	If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)	
		<input type="text"/>

Technical Assistance

Traditional	Number of Accounts 20% over-budget	<input type="text"/>	Measured water savings (AF/Year)
	Number of accounts 20% over-budget offered technical assistance	<input type="text"/>	
	Number of accounts 20% over-budget accepting technical assistance	<input type="text"/>	
Flex Track	If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)		<input type="text"/>
			<input type="text"/>

Irrigation Water Use Surveys for Mixed-use and Un-metered Accounts

Traditional	Number of mixed use and un-metered accounts	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Number of irrigation water use surveys offered (cumulative, all years)	<input type="text"/>	
	Number of irrigation water use surveys accepted (cumulative)	<input type="text"/>	
	Can your Agency estimate the amount of landscape acreage for mixed use and Un-metered accounts	<input type="radio"/> Yes <input type="radio"/> No	
	If Yes, Aggregate acreage for mixed use and Un-metered accounts	<input type="text"/>	
Flex Track	Estimated water demand from acreage for mixed use and Un-metered accounts	<input type="text"/>	
	Annual water savings by customers receiving irrigation water savings surveys and implementing recommendations	<input type="text"/>	
	If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)		
<input type="text"/>			

Financial Incentives

Traditional	Have you implemented and maintained an irrigation equipment retrofit incentive program? <input type="radio"/> Yes <input type="radio"/> No			Measured Water Savings (AF/YR)	
	Number of incentives	Dollar value of incentives	Incentive Types		
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>
Flex Track	If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)				
	<input type="text"/>				

**Traditional Reporting Stop Here, Do not continue
Flex Track Reporting Please Continue...**

Landscape Flex Track Measure Types

1. Monitor and report on landscape water use

A) Measure landscapes and develop water budgets for customers with dedicated landscape meters. Provide timely water use reports with comparisons of water use to budget that provide customers the information they need to adjust irrigation schedules (such as faxes, twitter, etc. not included in the previous sections).

**Measured
water savings
(AF/Year)**

Enter the Number of sites with:

Dedicated Mixed Meters

Water Budgets

Landscape Measurements

Others (describe)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

B) Measure landscapes and develop water budgets for customers with Mixed Use meters. Provide timely water use reports with comparisons of water use to budget that provide customers the information they need to adjust irrigation schedules.

**Measured
water savings
(AF/Year)**

Enter the Number of sites with:

Dedicated Mixed Meters

Water Budgets

Landscape Measurements

Others (describe)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

C) Establish agency-wide water budget. (Note that: ETo based water budget in the MWELo changed in 2010 from .8ETo to .7ETo.)

**Measured
water savings
(AF/Year)**

Agency-wide total irrigated area
Per-2010 (Acres)

Agency-wide total irrigated area
Post-2010 (Acres)

Amount of Water Used (AF/Acre)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

D) Establish agency-wide, sector-based irrigation goal to reduce water use, based on seasonality.

Number of minimum irrigation goal (AF/Acre)

Amount of Water Used per Period (AF/Period)

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

2. Provide technical landscape resources and training

A) Upon customer requests, provide landscape irrigation management and landscape design information and resources: provide assistance, answer customer questions, respond to run-off and high-bill calls.

Enter the Number of:

Contacts In Person

Contacts over the phone

Contacts via Email

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

B) Perform landscape & irrigation audits: including irrigation scheduling, plant information, and landscape area measurement.

Enter the Number of:

Audits conducted per year

Measurement of square
footage of Turf areas

Measurement of square
footage of NON Turf areas

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

C) Sponsor, co-sponsor, promote, or support landscape workshops, training, presentations and other technical educational events for homeowners and professionals: design, installation, maintenance, water management.

Enter the Number of:

Events

Participants

List Type or
Title of Events

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

D) Establish Time-of-Day Irrigation Restrictions.

Yes No

Describe Restrictions:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

E) Establish Day-of-Week Irrigation Restrictions. Yes No

Describe Restrictions:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

3. Provide incentives

A) Establish Landscape budget-based rates. Yes No

Describe Rates:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

B) Provide incentives for conversions from mixed-use meters to dedicated landscape meters.

Number of Conversions:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

C) Provide incentives for installing sub-meters to separate landscape water use

Number of meters installed:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

D) Provide incentives for irrigation equipment upgrades that improve distribution uniformity, irrigation efficiency, or scheduling capabilities.

Select types of irrigation equipment upgrades:

- Controllers
- Emitters
- Soil moisture sensors
- Pressure Regulators
- Rain shut off devices
- Other (describe)

Number of devices installed

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

E) Provide incentives for the reduction of water use over an irrigated area, or reduction in the size of the irrigated area due to replacement of turf or other high water-using plants with low water-using plants, artificial turf, or permeable surfaces.

Acreage of live turf converted to low water-using plants, artificial turf, or permeable surfaces: Acres

Measured water savings (AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

F) Provide incentives for conversions from potable to recycled water.

Number of Conversions:
Number of Incentives:
Funds Invested:

Measured water savings (AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

G) Provide incentives for the use of alternative sources of water in the landscape (i.e. gray water, rainwater, cisterns, etc.)

Number of Conversions:
Number of Incentives:
Funds Invested:

Measured water savings (AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

C) Participate in regional efforts: integrated water resource management, watershed management, NPDES permit agencies, etc.

Yes No

Describe Involvement:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

5. Develop a holistic approach to landscape water use efficiency

A) Develop and implement a comprehensive landscape water conservation program for all customers. Target marketing efforts to those most likely to result in benefits to both customer and Agency.

Describe Program:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

6. Other Measures

A) Other Landscape Measures.

Describe Other
Landscape Measures:

Measured
water savings
(Af/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file Natalie@cuwcc.org)

Table 3-1: Base Daily per Capita Water Use – 10-Year Range

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