

Appendix H

Amendment to June 2011 Adopted Urban Water Management Plan

Amendment to City of Ventura
2010 Urban Water Management Plan
June 2011

- I. *Section 6: Reliability Planning is revised to include the following additional text under the subheading 6.2 Reliability of Water Supplies*

A normal water year is based on a rainfall around the yearly average of 15 inches. Rainfall for the 2010 water year was approximately 16 inches which falls within the normal year range; therefore the year 2010 was used for a normal base year. The year 1989 was used as a single-dry base year and 1989-1991 was used for multiple-dry base years based on previous drought year precipitation data. Rainfall for the water years 1989-1991 were approximately 8, 5, and 15 inches respectively.

- II. *Section 3: Water Resources is revised to include the following additional text under the subheading 3.6 Planned Water Supply Project and Programs*

3.6.1.2 Saticoy Well No. 3 (Santa Paula Basin)

The City is designing and constructing Saticoy Well No. 3, which will improve the water supply to the Saticoy Treatment Plant. The new well will be located in the Santa Paula Basin Aquifer with an operational capacity of 2,000 gpm and a peaking capacity of 3,000 gpm. The design portion of the project is near completion, construction should be completed in 2014.

3.6.1.3 Foster Park Wellfield Production Restoration

Production wells at the City's Foster Park Wellfield were destroyed during the 1998, 2001 and 2005 storm events. The new wells will restore historical production capabilities to produce up to 6,700 acre feet per year with an operational capacity of 10,000 gpm. Reliability, storm protection and redundancy aspects of the well layout will be designed into the final project. Design is anticipated to begin in 2019 with completion in 2024.

- III. *Appendix D – DMM Data is revised to include the 2009-2010 CUWCC BMP Coverage Report attached as “Exhibit A: 2009-2010 CUWCC BMP Coverage Report”.*

Exhibit A : 2009-2010 CUWCC BMP Coverage Report



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

Foundation Best Management Practices for Urban Water Efficiency

Agency: **City of San Buenaventura** District Name: **City of San Buenaventura** CUWCC Unit #: **81**
 Retail

Primary Contact: **Lisa Kern** Telephone: **(805) 652-4542** Email: **lkern@ci.ventura.ca.us**

Compliance Option Chosen By Reporting Agency:
 (Traditional, Flex Track or GPCD)
GPCD if used:

GPCD in 2010	133
GPCD Target for 2018	138

Year	Report	Target	Highest Acceptable Bound		
	% Base	GPCD	% Base	GPCD	
2010	1	96.4%	162	100%	168
2012	2	92.8%	156	96%	162
2014	3	89.2%	150	93%	156
2016	4	85.6%	144	89%	150
2018	5	82.0%	138	82%	138

Not on Track if 2010 GPCD is \geq than target

GPCD in 2010 **133**

Highest

Acceptable GPCD **168**

for 2010

On Track



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

Foundation Best Management Practices for Urban Water Efficiency

Foundational BMPs

BMP 1.1 Operational Practices

Conservation Coordinator provided with necessary resources to implement BMPs?

2009

2010

1. Conservation Coordinator provided with necessary resources to implement BMPs?

Name
Lisa Kern
Title
Management Analyst II
Email
lkern@ci.ventura.ca.us
On Track

Name
Lisa Kern
Title
Management Analyst II
Email
lkern@ci.ventura.ca.us
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2. Water waste prevention documentation Descriptive File

On Track if any one of the 6 ordinance actions done, plus documentation or links provided

Descriptive File 2010

CityofSanBuenaventuraBMP1-1Attach-WtrnWasteOrd.89-6.pdf

URL

URL 2010

Describe Ordinance Terms

In April, 1989, the City adopted Ordinance 89-6 (see Appendix D),

In April, 1989, the City adopted Ordinance 89-6 (see Appendix D), prohibiting water waste. Among other uses prohibited are gutter flooding, non-recirculating fountains, customer plumbing leaks, hosing of hard surfaces and automatic water serving in restaurants. The ordinance defined prohibited activities and the penalties to be imposed for violations.

Describe Ordinance Terms 2010

On Track

On Track



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

Foundation Best Management Practices for Urban Water Efficiency

BMP 1.2 Water Loss Control

	2009	
Complete a prescreening Audit	yes	On Track
Metered Sales	16,707	
Verifiable Other Uses	682	
Total Supply	17,560	
(Metered Sales + System uses)/ Total Supply >0.89	0.99	On Track
If ratio is less than 0.9, complete a full scale Audit in 2009?	N/A	On Track
Verify Data with Records on File?	Yes	On Track
Operate a system Leak Detection Program?	Yes	On Track

On Track if Yes

On Track if =>.89, Not on Track if No

On Track if Yes

On Track if Yes

On Track if Yes

	2010	
Compile Standard Water Audit using AWWA Software?	Yes	On Track
AWWA file provided to CUWCC?	Water Audit Reporting Worksheet	On Track
AWWA Water Audit Validity Score?	68	
Completed Training in AWWA Audit Method?	yes	
Completed Training in Component Analysis Process?	Yes	
Complete Component Analysis?	Yes	
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 Repaired	0	\$
Value Real Losses	-	\$
Value Apparent Losses	-	\$
Miles Surveyed	0	Off
Press Reduction	-	\$
Cost of Interventions	-	\$
Water Saved	0	\$

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

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



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

Foundation Best Management Practices for Urban Water Efficiency

Agency: City of San Buenaventura **District Name:** City of San Buenaventura **CUWCC Unit #:** 81
Retail: **Coverage Report Date:** May 19, 2011
Primary Contact: Lisa Kern **Email:** lkern@ci.ventura.ca.us

1.4 Retail Conservation Pricing
Metered Water Rate Structure

Customer Class	2009 Rate Type		2010 Rate Type		Conserving Rate?
	Conserving Rate?	Type	Type	Conserving Rate?	
Single-Family	Yes	Increasing Block	Increasing	Yes	Yes
Multi-Family	Yes	Increasing Block	Increasing	Yes	Yes
Commercial	Yes	Uniform	Uniform	Yes	Yes
Industrial	Yes	Uniform	Uniform	Yes	Yes
Institutional	Yes	Uniform	Uniform	Yes	Yes
		On Track			On Track

On Track if: Increasing Block, Uniform, Allocation, Standby Service; Not on Track if otherwise

Date 2009 data received: May 26, 2011
 Date 2010 data received: May 26, 2011

Year Volumetric Rates began for Agencies with some Unmetered Accounts

Info only

Agencies with Partially Metered Service Areas: If signed MOU prior to 31 Dec. 1997, implementation starts no later than 1 July 2010. If signed MOU after 31 Dec. 1997, implementation starts no later than 1 July 2013, or within seven years of signing the MOU.



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

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Adequacy of Volumetric Rates) for Agencies with No Unmetered Accounts

Customer Class	2009 Rate Type	2009 Volumetric Revenues \$1000s	2010 Rate Type	2010 Volumetric Revenues \$1000s
Single-Family	Increasing Block	\$ 7,624	Single-Family	\$ 7,488
Multi-Family	Increasing Block	\$ 3,656	Multi-Family	\$ 3,686
Commercial	Uniform	\$ 4,298	Commercial	\$ 4,264
Industrial	Uniform	\$ 121	Industrial	\$ 74
Institutional	Uniform	\$ 651	Institutional	\$ 570
Dedicated Irrigation		\$ 395		\$ 346
Other		\$ 224		\$ 203
Total Revenue Commodity Charges (V):		\$ 16,969		\$ 16,631
Total Revenue Fixed Charges (M):		\$ 3,991		\$ 4,788
Calculate: $V / (V + M)$:		81%		78%
On Track				

Agency Choices for rates:

A) Agencies signing MOU prior to 13 June2007, implementation starts 1 July2007: On Track if $(V / (V + M)) \geq 70\% \times .8 = 56\%$ for 2009 and $70\% \times 0.90 = 63\%$ for 2010; Not on track if $(V / (V + M)) < 70\%$;

B) Use Canadian model. Agencies signing MOU after 13June2007, implementation starts July 1 of year following signing.

Canadian Water & Wastewater Rate Design Model Used and Provided to CUWCC

If Canadian Model is used, was 1 year or 3 year period applied?

No
On Track

No
On Track

Wastewater Rates

Does Agency Provide Sewer Service?

2009 Yes

If 'No', then wastewater rate info not required.

2010 Yes

Customer Class	2009 Rate Type	2009 Conserving Rate?	Customer Class	2010 Rate Type	2010 Conserving Rate?
Single-Family	Increasing Block	Yes	Single-Family	Increasing Block	Yes
Commercial	Increasing Block	Yes	Commercial	Increasing Block	Yes
Institutional	Increasing Block	Yes	Institutional	Increasing Block	Yes
Industrial	Select a Rate Structure		Industrial	Uniform	Yes
	Select a Rate Structure			Select a Rate Structure	
	Select a Rate Structure			Select a Rate Structure	
	Select a Rate Structure			Select a Rate Structure	
On Track					

On Track if: 'Increasing Block', 'Uniform', 'based on long term marginal cost' or 'next unit of capacity'



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

Foundation Best Management Practices for Urban Water Efficiency

BMP 2. EDUCATION PROGRAMS

BMP 2.1 Public Outreach Actions Implemented and Reported to CUWCC

- 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)	126,000	118,150
2) Water supplier contacts with media (minimum = 4 times per year, i.e., at least quarterly).	9	4
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.	Flyers and/or brochures (total copies), bill stuffers Landscape water conservation media campaign Website General water conservation information Articles or stories resulting from outreach News releases Written editorials	Flyers and/or brochures (total copies), bill stuffers Landscape water conservation media Email Messages Landscape water conservation media Website Written editorials
5) Annual budget for public outreach program.	\$ 2,700	\$ 3,600
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.	Description is too large for text area. Data will be stored in the BMP Reporting database when online.
	On Track for 6 Actions	On Track for 6 Actions

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



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

Foundation Best Management Practices for Urban Water Efficiency

2.2 School Education Programs Implemented and Reported to CUWCC

Does a wholesale agency implement School Education Programs for this utility's benefit?
Name of Wholesale Supplier?

1) Curriculum materials developed and/or provided by agency

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

3) Materials Distributed to K-6?

Describe K-6 Materials

Materials distributed to 7-12 students?

4) Annual budget for school education program.

5) Description of all other water supplier education programs

	2009	2010
	Yes	Yes
	Casitas Municipal Water District, United Water Conservation District	Casitas Municipal Water District, United Water Conservation District
	Presentation on water cycle and water conservation measures.	Presentation on water cycle and water conservation measures.
	Yes	Yes
	Yes	Yes
	Water cycle activity book	Water cycle activity book
	No	No
	\$ 2,000	\$ 2,000
	Classroom presentations, large group assemblies, children's water festivals or other events, staffing children's booths at events and festivals, fund and/or staff student field trips to treatment facilities, recycling facilities, water conservation gardens, etc.	Classroom presentations, large group assemblies, children's water festivals or other events, staffing children's booths at events and festivals, fund and/or staff student field trips to treatment facilities, recycling facilities, water conservation gardens, etc.
	See Wholesale Report	See Wholesale Report
	On Track	On Track

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

Describe materials to meet minimum requirements

Info Only