



CUWCC BMP RETAIL COVERAGE REPORT 2009-2010

Foundation Best Management Practices for Urban Water Efficiency

Agency: **City of Roseville**
Retail

District Name: **City of Roseville**

CUWCC Unit #: **5992**

Primary Contact **Lisa Brown**

Telephone **916-746-1710**

Email: **lbrown@roseville.ca.us**

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

GPCD if used:

GPCD in 2010	225
GPCD Target for 2018	250

Year	Report	Target		Highest Acceptable Bound	
		% Base	GPCD	% Base	GPCD
2010	1	96.4%	294	100%	305
2012	2	92.8%	283	96%	294
2014	3	89.2%	272	93%	283
2016	4	85.6%	261	89%	272
2018	5	82.0%	250	82%	250

Not on Track if 2010 GPCD is \geq than target

GPCD in 2010 **225**

Highest

Acceptable GPCD **305**

for 2010

On Track

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Foundational BMPs

BMP 1.1 Operational Practices

	2009		2010		
	Name		Name		
1. Conservation Coordinator provided with necessary resources to implement BMPs?	Lisa Brown	Water Conservation Administrator	Lisa Brown	Water Conservation Administrator	Conservation Coordinator provided with necessary resources to implement BMPs?
				lbrown@roseville.ca.us	
		On Track			On Track
2. Water waste prevention documentation					On Track if any one of the 6 ordinance actions done, plus documentation or links provided
Descriptive File	0		0		
Descriptive File 2010					
URL		City of Roseville Municipal Code Title 14 Public Utilities Chapter			
URL 2010				http://qcode.us/codes/roseville/ ; http://www.roseville.ca.us/planning/water_efficient_landscape_ordinance	
Describe Ordinance Terms		City of Roseville Municipal Code Title 14 Public Utilities Chapter			
Describe Ordinance Terms 2010				City of Roseville Municipal Code Title 14 Public Utilities Chapter 14.09 (link included)	
		On Track			On Track



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BMP 1.2 Water Loss Control

	2009	
Complete a prescreening Audit	Yes	On Track
Metered Sales	33,598	
Verifiable Other Uses	151	
Total Supply	33,749	
(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?	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?	2010 audit	On Track
AWWA Water Audit Validity Score?	69	
Completed Training in AWWA Audit Method?	yes	
Completed Training in Component Analysis Process?	No	
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 Repaired	Value Real Losses	Value Apparent Losses
Miles Surveyed	Press Reduction	Cost of Interventions
Water Saved		
186	\$ 125,301	\$ 20,344
0	Off	\$ -
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



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

	2009		2010		
Exemption or 'At least as Effective As' accepted by CUWCC				If signed MOU prior to 31 Dec 1997, On Track if all connections metered; If signed after 31 Dec 1997, complete meter installations by 1 July 2012 or within 6 yrs of signing and 20% biannual reduction of unmetered connections.	
Number of Unmetered Accounts	3961	On Track	2829	On Track	On Track if no unmetered accounts
Metered Accounts billed by volume of use	Yes	On Track	Yes	On Track	Volumetric billing required for all connections on same schedule as metering
Number of CII accounts with Mixed Use meters	124		119		Info only
Conducted a feasibility study to assess merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	No		No		Info only
Feasibility Study provided to CUWCC?	No		No		Info only
Completed a written plan, policy or program to test, repair and replace meters	Yes	On Track	Yes	On Track	On Track if Yes, Not on Track if No



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Agency: **City of Roseville**
 Retail
 Primary Contact: Lisa Brown

District Name: **City of Roseville**
 Email: lbrown@roseville.ca.us

CUWCC Unit #: **5992**
 Coverage Report Date: **May 19, 2011**

1.4 Retail Conservation Pricing Metered Water Rate Structure

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

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

Customer Class	2009 Rate Type	Conserving Rate?	Customer Class	2010 Rate Type	Conserving Rate?
Single-Family	Increasing Block	Yes	Single-Family	Increasing	Yes
Commercial	Uniform	Yes	Commercial	Uniform	Yes
Single-Family	Non-Volumetric Flat Rate	No	Single-Family	Non-Volumetric Flat Rate	No
Commercial	Non-Volumetric Flat Rate	No	Commercial	Non-Volumetric Flat Rate	No
Dedicated Irrigation	Uniform	Yes	Dedicated Irrigation	Uniform	Yes

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,



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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	\$ 2,971	Single-Family	\$ 3,331
Commercial	Uniform	\$ 1,410	Commercial	\$ 1,479
Single-Family	Non-Volumetric Flat Rate	\$ 1,728	Single-Family	\$ 1,226
Commercial	Non-Volumetric Flat Rate	\$ 224	Commercial	\$ 228
Dedicated Irrigation	Uniform	\$ 1,775	Dedicated Irrigation	\$ 1,715
Other		\$ 452		\$ 428
Other		\$ -		\$ -
Total Revenue Commodity Charges (V):		\$ 8,559	\$ 8,407	
Total Revenue Fixed Charges (M):		\$ 6,560	\$ 8,722	
Calculate: V / (V + M):		57%	49%	

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 $(V / (V + M)) < 70\%$; Info only until 2011

B) Use Canadian model. Agencies signing MOU after 13 June2007, 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

No

Wastewater Rates

Does Agency Provide Sewer Service? **2009** If 'No', then wastewater rate info not required.

Yes

2010
Yes

Customer Class	2009 Rate Type	Conserving Rate?	Customer Class	2010 Rate Type	Conserving Rate?
Single-Family	Non-Volumetric Flat Rate	No	Single-Family	Non-Volumetric Flat Rate	No
Commercial	Non-Volumetric Flat Rate	No	Commercial	Non-Volumetric Flat Rate	No
Commercial	Allocation Based	No	Commercial	Allocation Based	No

Info Only

Info Only

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



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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
	6	6
	4	4
	Yes	yes
	Newsletter articles on conservation Website Email Messages Newsletter articles on conservation Articles or stories resulting from outreach Newspaper contacts Radio contacts Television contacts	Newsletter articles on conservation Website General water conservation information Newsletter articles on conservation Articles or stories resulting from outreach News releases Newspaper contacts Radio contacts
	\$ 101,296	\$ 267,624
	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'



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2.2 School Education Programs Implemented and Reported to CUWCC

	2009	2010	
Does a wholesale agency implement School Education Programs for this unility's benefit?	Yes	Yes	
Name of Wholesale Supplier?	Regional Water Authority	Regional Water Authority	
1) Curriculum materials developed and/or provided by agency	Newspaper in Education program insert, California water way map, student contests, watershed workshop and water cycle/water conservation workshops	Project WET	Yes/ No
2) Materials meet state education framework requirements and are grade-level appropriate?	Yes	Yes	All 5 actions types implemented and reported to CUWCC to be 'On Track'
3) Materials Distributed to K-6?	Yes	Yes	
Describe K-6 Materials	Newspaper in Education program insert, California water way map, student contests, watershed workshop and water cycle/water conservation workshops	Newspaper in Education program insert to participating schools, California water way map, student contests, watershed and water cycle/conservation workshops, LivingWise 6th grade program.	Describe materials to meet minimum requirements
Materials distributed to 7-12 students?	No	No	Info Only
4) Annual budget for school education program.	\$ 37,800	\$ 39,657	
5) Description of all other water supplier education programs	Roseville Utility Exploration Center exhibit tours (water conservation/watershed); Adventure Club presentations, Banana Slugs String Band (singing of water conservation, ecology and energy); Placer Nature Center (conservation and watershed)	Roseville Utility Exploration Center exhibit tours (conservation/watershed); Adventure Club presentations; Banana Slug String Band (songs about water conservation/energy/ecology); Placer Nature Center (conservation/watershed).	
	See Wholesale Report	See Wholesale Report	
	On Track	On Track	