

Reported as of 9/13/07

## BMP 01 Coverage: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit:  
**City of Santa Barbara, PWD**

Reporting Period:  
**05-06**

### MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

A Reporting Unit (RU) must meet three conditions to satisfy strict compliance for BMP 1.

Condition 1: Adopt survey targeting and marketing strategy on time

Condition 2: Offer surveys to 20% of SF accounts and 20% of MF units during report period

Condition 3: Be on track to survey 15% of SF accounts and 15% of MF units within 10 years of implementation start date.

### Test for Condition 1

City of Santa Barbara, PWD to Implement Targeting/Marketing Program by:	1999	
	<u>Single-Family</u>	<u>Multi-Family</u>
Year City of Santa Barbara, PWD Reported Implementing Targeting/Marketing Program:	1991	1991
City of Santa Barbara, PWD Met Targeting/Marketing Coverage Requirement:	YES	YES

### Test for Condition 2

			<u>Single-Family</u>	<u>Multi-Family</u>
Survey Program to Start by:	1998	Residential Survey Offers (%)	202.83%	215.72%

Reporting Period: 05-06 Survey Offers  $\geq$  20% YES YES

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**Test for Condition 3**

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	Completed Residential Surveys	
	<u>Single Family</u>	<u>Multi-Family</u>
Total Completed Surveys 1999 - 2006:	2,360	583
Past Credit for Surveys Completed Prior to 1999 (Implementation of Reporting Database):	2,063	523
Total + Credit	4,423	1,106
Residential Accounts in Base Year	16,625	5,361
City of Santa Barbara, PWD Survey Coverage as % of Base Year Residential Accounts	26.60%	20.63%
Coverage Requirement by Year 8 of Implementation per Exhibit 1	9.60%	9.60%
City of Santa Barbara, PWD on Schedule to Meet 10-Year Coverage Requirement	YES	YES

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**BMP 1 COVERAGE STATUS SUMMARY:**

**Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/13/07

**BMP 02 Coverage: Residential Plumbing Retrofit**

Reporting Unit:

**City of Santa Barbara, PWD**

Reporting Period:

**05-06****MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one of three conditions to satisfy strict compliance for BMP 2.

Condition 1: The agency has demonstrated that 75% of SF accounts and 75% of MF units constructed prior to 1992 are fitted with low-flow showerheads.

Condition 2: An enforceable ordinance requiring the replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts is in place for the agency's service area.

Condition 3: The agency has distributed or directly installed low-flow showerheads and other low-flow plumbing devices to not less than 10% of single-family accounts and 10% of multi-family units constructed prior to 1992 during the reporting period.

**Test for Condition 1**

<u>Report Year</u>	<u>Report Period</u>	<u>Single-Family</u>		<u>Multi-Family</u>	
		<u>Reported Saturation</u>	<u>Saturation ≥ 75%?</u>	<u>Reported Saturation</u>	<u>Saturation ≥ 75%?</u>
1999	99-00	65.00%	NO	70.00%	NO
2000	99-00	65.00%	NO	70.00%	NO
2001	01-02	70.00%	NO	70.00%	NO
2002	01-02	72.00%	NO	72.00%	NO
2003	03-04	73.00%	NO	73.00%	NO
2004	03-04	75.00%	NO	75.00%	NO
2005	05-06	80.00%	YES	80.00%	YES
2006	05-06	80.00%	YES	80.00%	YES

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**Test for Condition 2**


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<u>Report Year</u>	<u>Report Period</u>	<u>City of Santa Barbara, PWD has ordinance requiring showerhead retrofit?</u>
1999	99-00	NO
2000	99-00	NO
2001	01-02	NO
2002	01-02	NO
2003	03-04	NO
2004	03-04	NO
2005	05-06	NO
2006	05-06	NO

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**Test for Condition 3**


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Reporting Period: 05-06

<u>1992 SF Accounts</u>	<u>Num. Showerheads Distributed to SF Accounts</u>	<u>Single-Family Coverage Ratio</u>	<u>SF Coverage Ratio &gt; 10%</u>
20,672	117	0.6%	NO
<u>1992 MF Accounts</u>	<u>Num. Showerheads Distributed to MF Accounts</u>	<u>Multi-Family Coverage Ratio</u>	<u>MF Coverage Ratio &gt; 10%</u>
16,896	229	1.4%	NO

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**BMP 2 COVERAGE STATUS SUMMARY:****Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/13/07

## BMP 03 Coverage: System Water Audits, Leak Detection and Repair

Reporting Unit:  
City of Santa Barbara, PWD

Reporting Period:  
05-06

### MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? Yes

An agency must meet one of two conditions to be in compliance with BMP 3:

Condition 1: Perform a prescreening audit. If the result is equal to or greater than 0.9 nothing more needs be done.

Condition 2: Perform a prescreening audit. If the result is less than 0.9, perform a full audit in accordance with AWWA's Manual of Water Supply Practices, Water Audits, and Leak Detection.

### Test for Conditions 1 and 2

<u>Report Year</u>	<u>Report Period</u>	<u>Pre-Screen Completed</u>	<u>Pre-Screen Result</u>	<u>Full Audit Indicated</u>	<u>Full Audit Completed</u>
1999	99-00	YES	99.3%	No	NO
2000	99-00	YES	97.1%	No	NO
2001	01-02	YES	94.5%	No	NO
2002	01-02	YES	98.8%	No	NO
2003	03-04	YES	99.1%	No	NO
2004	03-04	YES	98.6%	No	NO
2005	05-06	YES	95.1%	No	NO
2006	05-06	YES	97.1%	No	NO

### BMP 3 COVERAGE STATUS SUMMARY:

Water supplier has met the coverage requirements for this BMP.

Reported as of 9/13/07

## **BMP 04 Coverage: Metering with Commodity Rates for all New Connections and Retrofit of Existing**

Reporting Unit:  
**City of Santa Barbara, PWD**

Reporting Period:  
**05-06**

### **MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during  
report period? No

An agency must be on track to retrofit 100% of its unmetered accounts within  
10 years to be in compliance with BMP 4.

### **Test for Compliance**

Total Meter Retrofits Reported through 2006

No. of Unmetered Accounts in Base Year

Meter Retrofit Coverage as % of Base Year Unmetered  
Accounts

Coverage Requirement by Year 7 of Implementation per  
Exhibit 1 52.5%

RU on Schedule to meet 10 Year Coverage Requirement YES

### **BMP 4 COVERAGE STATUS SUMMARY:**

**Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/13/07

## BMP 05 Coverage: Large Landscape Conservation Programs and Incentives

Reporting Unit:  
City of Santa Barbara, PWD

Reporting Period:  
05-06

### MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

An agency must meet three conditions to comply with BMP 5.

Condition 1: Develop water budgets for 90% of its dedicated landscape meter accounts within four years of the date implementation is to start.

Condition 2: (a) Offer landscape surveys to at least 20% of its CII accounts with mixed use meters each report cycle and be on track to survey at least 15% of its CII accounts with mixed use meters within 10 years of the date implementation is to start OR (b) Implement a dedicated landscape meter retrofit program for CII accounts with mixed use meters or assign landscape budgets to mixed use meters.

Condition 3: Implement and maintain customer incentive program(s) for irrigation equipment retrofits.

### Test for Condition 1

<u>Year</u>	<u>Report Period</u>	<u>BMP 5 Implementation Year</u>	<u>No. of Irrigation Meter Accounts</u>	<u>No. of Irrigation Accounts with Budgets</u>	<u>Budget Coverage Ratio</u>	<u>90% Coverage Met by Year</u> 4
1999	99-00		671	244	36.4%	NA
2000	99-00	1	682	251	36.8%	NA
2001	01-02	2	622	253	40.7%	NA
2002	01-02	3	642	265	41.3%	NA
2003	03-04	4	649	271	41.8%	No
2004	03-04	5	697	271	38.9%	No
2005	05-06	6	680	271	39.9%	No
2006	05-06	7	674	267	39.6%	No

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**Test for Condition 2a (survey offers)**


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Select Reporting Period:	05-06
Large Landscape Survey Offers as % of Mixed Use Meter CII Accounts	8.1%
Survey Offers Equal or Exceed 20% Coverage Requirement	NO

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**Test for Condition 2a (surveys completed)**


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Total Completed Landscape Surveys Reported through 05-06	
Credit for Surveys Completed Prior to Implementation of Reporting Database	5
Total + Credit	5
CII Accounts in Base Year	2,347
RU Survey Coverage as a % of Base Year CII Accounts	0.2%
Coverage Requirement by Year of Implementation per Exhibit 1	7.9%
RU on Schedule to Meet 10 Year Coverage Requirement	NO

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**Test for Condition 2b (mixed use budget or meter retrofit program)**


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<u>Report Year</u>	<u>Report Period</u>	<u>BMP 5 Implementation Year</u>	<u>Agency has mix-use budget program</u>	<u>No. of mixed-use budgets</u>
1999	99-00		NO	
2000	99-00	1	NO	
2001	01-02	2	NO	
2002	01-02	3	NO	
2003	03-04	4	NO	
2004	03-04	5	NO	
2005	05-06	6	NO	



<u>Report Year</u>	<u>Report Period</u>	<u>BMP 4 Implementation Year</u>	<u>No. of mixed use CII accounts</u>	<u>No. of mixed use CII accounts fitted with irrig. meters</u>
1999	99-00		2,271	5
2000	99-00	1	2,292	5
2001	01-02	2	2,294	4
2002	01-02	3	2,306	
2003	03-04	4	2,315	
2004	03-04	5	2,304	
2005	05-06	6	2,300	
2006	05-06	7	2,305	

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### Test for Condition 3

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<u>Report Year</u>	<u>Report Period</u>	<u>BMP 5 Implementation Year</u>	<u>RU offers financial incentives?</u>	<u>No. of Loans</u>	<u>Total Amt. Loans</u>
1999	99-00		NO		
2000	99-00	1	NO		
2001	01-02	2	NO		
2002	01-02	3	NO		
2003	03-04	4	YES		
2004	03-04	5	YES		
2005	05-06	6	YES		
2006	05-06	7	YES		

  

<u>Report Year</u>	<u>Report Period</u>	<u>No. of Grants</u>	<u>Total Amt. Grants</u>	<u>No. of rebates</u>	<u>Total Amt. Rebates</u>
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04			41	12,300
2004	03-04			64	19,200
2005	05-06			57	17,100

2006

05-06

29

8,700

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**BMP 5 COVERAGE STATUS SUMMARY:**

**Water supplier is not currently on track to meet the coverage requirements for this BMP.**

Reported as of 9/13/07

## BMP 06 Coverage: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:  
**City of Santa Barbara, PWD**

Reporting Period:  
**05-06**

### MOU Exhibit 1 Coverage Requirement

Exemption request filed WITH supporting documentation

Exemption Type: Cost Effectiveness

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet two conditions to comply with BMP 6.

Condition 1: Offer a cost-effective financial incentive to customers for the purchase of high-efficiency washers with water factors of 9.5 or less.

Condition 2: Meet Coverage Goal ( $CG = \text{Total Dwelling Units} \times 0.048$ ) by January 1, 2007.

#### Test for Condition 1

Agency offers rebates for residential high-efficiency washers with water factors of 9.5 or less:

NO

#### Test for Condition 2

Coverage Goal:

1,766

Total Coverage Points Awarded (incl. past credit):

0

% of Coverage Goal:

0.00

#### BMP 6 COVERAGE STATUS SUMMARY:

**Water supplier has filed with CUWCC an exemption with supporting**

**documentation for this BMP.**

Reported as of 9/13/07

**BMP 07 Coverage: Public Information Programs**

Reporting Unit:

**City of Santa Barbara, PWD**

Reporting Period:

**05-06****MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

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An agency must meet one condition to comply with BMP 7.

Condition 1: Implement and maintain a public information program consistent with BMP 7's definition.

**Test for Condition 1**


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<u>Year</u>	<u>Report Period</u>	<u>BMP 7 Implementation Year</u>	<u>RU Has Public Information Program?</u>
1999	99-00	1	YES
2000	99-00	2	YES
2001	01-02	3	YES
2002	01-02	4	YES
2003	03-04	5	YES
2004	03-04	6	YES
2005	05-06	7	YES
2006	05-06	8	YES

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**BMP 7 COVERAGE STATUS SUMMARY:****Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/13/07

**BMP 08 Coverage: School Education Programs**

Reporting Unit:

**City of Santa Barbara, PWD**

Reporting Period:

**05-06****MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

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An agency must meet one condition to comply with BMP 8.

Condition 1: Implement and maintain a school education program consistent with BMP 8's definition.

**Test for Condition 1**


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<u>Year</u>	<u>Report Period</u>	<u>BMP 8 Implementation Year</u>	<u>RU Has School Education Program?</u>
1999	99-00	1	YES
2000	99-00	2	YES
2001	01-02	3	YES
2002	01-02	4	YES
2003	03-04	5	YES
2004	03-04	6	YES
2005	05-06	7	YES
2006	05-06	8	YES

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**BMP 8 COVERAGE STATUS SUMMARY:****Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/13/07

## BMP 09 Coverage: Conservation Programs for CII Accounts

Reporting Unit:  
City of Santa Barbara, PWD

Reporting Period:  
05-06

### MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period? No

An agency must meet three conditions to comply with BMP 9.

Condition 1: Agency has identified and ranked by use commercial, industrial, and institutional accounts.

Condition 2(a): Agency is on track to survey 10% of commercial accounts, 10% of industrial accounts, and 10% of institutional accounts within 10 years of date implementation to commence.

OR

Condition 2(b): Agency is on track to reduce CII water use by an amount equal to 10% of baseline use within 10 years of date implementation to commence.

OR

Condition 2(c): Agency is on track to meet the combined target as described in Exhibit 1 BMP 9 documentation.

### Test for Condition 1

<u>Year</u>	<u>Report Period</u>	<u>BMP 9 Implementation Year</u>	<u>Ranked Com. Use</u>	<u>Ranked Ind. Use</u>	<u>Ranked Inst. Use</u>
1999	99-00		NO	NO	NO
2000	99-00	1	NO	NO	NO
2001	01-02	2	YES	YES	YES
2002	01-02	3	YES	YES	YES
2003	03-04	4	YES	YES	YES
2004	03-04	5	YES	YES	YES
2005	05-06	6	YES	YES	YES
2006	05-06	7	YES	YES	YES

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**Test for Condition 2a**


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	Commercial	Industrial	Institutional
Total Completed Surveys Reported through 2006			
Credit for Surveys Completed Prior to Implementation of Reporting Databases	352		
Total + Credit	352		
CII Accounts in Base Year	2,283	64	
RU Survey Coverage as % of Base Year CII Accounts	15.4%		
Coverage Requirement by Year 7 of Implementation per Exhibit 1	5.3%	5.3%	5.3%
RU on Schedule to Meet 10 Year Coverage Requirement	YES	NO	NO

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**Test for Condition 2a**


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<u>Year</u>	<u>Report Period</u>	<u>BMP 9 Implementation Year</u>	<u>Performance Target Savings (AF/yr)</u>	<u>Performance Target Savings Coverage</u>	<u>Performance Target Savings Coverage Requirement</u>	<u>Coverage Requirement Met</u>
1999	99-00		2	0.1%		
2000	99-00	1	2	0.1%	0.5%	NO
2001	01-02	2			1.0%	NO
2002	01-02	3			1.7%	NO
2003	03-04	4			2.4%	NO
2004	03-04	5			3.3%	NO
2005	05-06	6			4.2%	NO
2006	05-06	7			5.3%	NO

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**Test for Condition 2c**


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Total BMP 9 Surveys + Credit	352
BMP 9 Survey Coverage	15.0%



BMP 9 Performance Target Coverage	
BMP 9 Survey + Performance Target Coverage	15.0%
Combined Coverage Equals or Exceeds Coverage Requirement?	YES

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**BMP 9 COVERAGE STATUS SUMMARY:**

**Water supplier is on track to meet the coverage requirements for this BMP.**

Reported as of 9/13/07

**BMP 11 Coverage: Conservation Pricing**

Reporting Unit:

**City of Santa Barbara, PWD**

Reporting Period:

**05-06****MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

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An agency must meet one condition to comply with BMP 11.

Agency shall maintain rate structure consistent with BMP 11's definition of conservation pricing.

Implementation methods shall be at least as effective as eliminating non-conserving pricing and adopting conserving pricing. For signatories supplying both water and sewer service, this BMP applies to pricing of both water and sewer service. Signatories that supply water but not sewer service shall make good faith efforts to work with sewer agencies so that those sewer agencies adopt conservation pricing for sewer service.

a) Non-conserving pricing provides no incentives to customers to reduce use. Such pricing is characterized by one or more of the following components: rates in which the unit price decreases as the quantity used increases (declining block rates); rates that involve charging customers a fixed amount per billing cycle regardless of the quantity used; pricing in which the typical bill is determined by high fixed charges and low commodity charges.

b) Conservation pricing provides incentives to customers to reduce average or peak use, or both. Such pricing includes: rates designed to recover the cost of providing service; and billing for water and sewer service based on metered water use. Conservation pricing is also characterized by one or more of the following components: rates in which the unit rate is constant regardless of the quantity used (uniform rates) or increases as the quantity used increases (increasing block rates); seasonal rates or excess-use surcharges to reduce peak demands during summer months; rates based upon the longrun marginal cost or the cost of adding the next unit of capacity to the system.

**Test for Condition 1**


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<u>Year</u>	<u>Report Period</u>	<u>RU Employed Conserving WATER Rate Structure</u>	<u>RU Employed Conserving SEWER Rate Structure</u>	<u>RU Meets BMP 11 Coverage Requirement</u>
1999	99-00	YES	YES	YES
2000	99-00	YES	YES	YES

2001	01-02	YES	YES	YES
2002	01-02	YES	YES	YES
2003	03-04	YES	YES	YES
2004	03-04	YES	YES	YES
2005	05-06	YES	YES	YES
2006	05-06	YES	YES	YES

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**BMP 11 COVERAGE STATUS SUMMARY:**

**Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/13/07

**BMP 12 Coverage: Conservation Coordinator**

Reporting Unit:  
**City of Santa Barbara, PWD**

Reporting Period:  
**05-06**

**MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during  
 report period? No

Agency shall staff and maintain the position of conservation coordinator and  
 provide support staff as necessary.

**Test for Compliance**

<u>Report Year</u>	<u>Report Period</u>	<u>Conservation Coordinator Position Staffed?</u>	<u>Total Staff on Team (incl. CC)</u>
1999	99-00	YES	2
2000	99-00	YES	3
2001	01-02	YES	3
2002	01-02	YES	3
2003	03-04	YES	3
2004	03-04	YES	3
2005	05-06	YES	3
2006	05-06	YES	3

**BMP 12 COVERAGE STATUS SUMMARY:**  
**Water supplier has met the coverage requirements for this BMP.**

Reported as of 9/13/07

**BMP 13 Coverage: Water Waste Prohibition**

Reporting Unit:

**City of Santa Barbara, PWD**

Reporting Period:

**05-06****MOU Exhibit 1 Coverage Requirement**

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

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An agency must meet one condition to comply with BMP 13.

Implementation methods shall be enacting and enforcing measures prohibiting gutter flooding, single pass cooling systems in new connections, non-recirculating systems in all new conveyer car wash and commercial laundry systems, and non-recycling decorative water fountains.

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**Test for Condition 1****Agency or service area prohibits:**

<u>Year</u>	<u>Gutter Flooding</u>	<u>Single-Pass Cooling Systems</u>	<u>Single-Pass Car Wash</u>	<u>Single-Pass Laundry</u>	<u>Single-Pass Fountains</u>	<u>Other</u>	<u>RU has ordinance that meets coverage requirement</u>
1999	YES	YES	YES	NO	YES	NO	NO
2000	YES	YES	YES	NO	YES	NO	NO
2001	YES	YES	YES	NO	YES	NO	NO
2002	YES	YES	YES	NO	YES	NO	NO
2003	YES	YES	YES	NO	YES	NO	NO
2004	YES	YES	YES	NO	YES	NO	NO
2005	YES	YES	YES	NO	YES	NO	NO
2006	YES	YES	YES	YES	YES	NO	YES

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**BMP 13 COVERAGE STATUS SUMMARY:**

**Water supplier is not currently on track to meet the coverage requirements for this BMP.**



Reported as of 9/13/07

## BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: **City of Santa Barbara, PWD**

### MOU Exhibit 1 Coverage Requirement

A Reporting Unit (RU) must meet one of the following conditions to be in compliance with BMP 14.

Condition 1: Retrofit-on-resale (ROR) ordinance in effect in service area.

Condition 2: Water savings from toilet replacement programs equal to 90% of Exhibit 6 coverage requirement.

An agency with an exemption for BMP 14 is not required to meet one of the above conditions. This report treats an agency with missing base year data required to compute the Exhibit 6 coverage requirement as out of compliance with BMP 14.

<u>Coverage Year</u>	<u>BMP 14 Data Submitted to CUWCC</u>	<u>Exemption Filed with CUWCC</u>	<u>ROR Ordinance in Effect</u>	<u>Exhibit 6 Coverage Req'mt (AF)</u>	<u>Toilet Replacement Program Water Savings* (AF)</u>
1998	YES			52.10	3480.36
1999	YES	NO	NO	150.08	3867.95
2000	YES	NO	NO	288.34	4240.05
2001	YES	NO	NO	461.78	4597.26
2002	YES	NO	NO	665.77	4940.18
2003	YES	NO	NO	896.16	5269.39
2004	YES	NO	NO	1149.16	5585.42
2005	YES	NO	NO	1421.37	5888.82
2006	YES	NO	NO	1709.74	6180.08
2007	NO	NO	NO	2011.49	6459.69

\*NOTE: Program water savings listed are net of the plumbing code. Savings are cumulative (not annual) between 1991 and the given year. Residential ULFT count data from unsubmitted forms are NOT included in the calculation.

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### BMP 14 COVERAGE STATUS SUMMARY:

**Water supplier is not currently on track to meet the coverage requirements for this BMP.**