

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

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### 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 Newport Beach to Implement Targeting/Marketing Program by:	2007		
		<u>Single-Family</u>	<u>Multi-Family</u>
Year City of Newport Beach Reported Implementing Targeting/Marketing Program:			
City of Newport Beach Met Targeting/Marketing Coverage Requirement:			

### Test for Condition 2

			<u>Single-Family</u>	<u>Multi-Family</u>
Survey Program to Start by:	2006	Residential Survey Offers (%)	8.15%	
Reporting Period:	07-08	Survey Offers $\geq$ 20%	NO	NO

### Test for Condition 3

	Completed Residential Surveys	
	<u>Single Family</u>	<u>Multi-Family</u>
Total Completed Surveys 1999 - 2008: Past Credit for Surveys Completed Prior to 1999 (Implementation of Reporting Database):	1,480	
<b>Total + Credit</b>	<b>1,480</b>	
Residential Accounts in Base Year	18,152	4,864
City of Newport Beach Survey Coverage as % of Base Year Residential Accounts	8.15%	
Coverage Requirement by Year 2 of Implementation per Exhibit 1	1.50%	1.50%
City of Newport Beach on Schedule to Meet 10-Year		

**BMP 1 COVERAGE STATUS SUMMARY:**

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

## BMP 02 Coverage: Residential Plumbing Retrofit

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### 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 &gt; 75%?</u>	<u>Reported Saturation</u>	<u>Saturation &gt; 75%?</u>
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				
2005	05-06	95.00%	YES	95.00%	YES
2006	05-06	95.00%	YES	95.00%	YES
2007	07-08	95.00%	YES	93.00%	YES
2008	07-08	96.00%	YES	95.00%	YES

### Test for Condition 2

<u>Report Year</u>	<u>Report Period</u>	<u>City of Newport Beach has ordinance requiring showerhead retrofit?</u>
1999	99-00	
2000	99-00	
2001	01-02	
2002	01-02	
2003	03-04	
2004	03-04	
2005	05-06	NO
2006	05-06	NO
2007	07-08	NO
2008	07-08	NO

### Test for Condition 3

Reporting Period: 07-08

1992 SF   Num. Showerheads Distributed to   Single-Family   SF Coverage Ratio

<u>Accounts</u>	<u>SF Accounts</u>	<u>Coverage Ratio</u>	<u>&gt; 10%</u>
15,000			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>
2,500			NO

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**BMP 2 COVERAGE STATUS SUMMARY:**

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

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

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### 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 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				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				
2004	03-04				
2005	05-06	NO			NO
2006	05-06	NO			NO
2007	07-08	NO			NO
2008	07-08	NO			NO

### BMP 3 COVERAGE STATUS SUMMARY:

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

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

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### MOU Exhibit 1 Coverage Requirement

No exemption request filed

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

For agencies signing the MOU prior to December 31, 1997:  
 100% of existing unmetered accounts to be metered and billed by volume of use by July 1, 2009.

For agencies signing the MOU after December 31, 1997:  
 - 100% of existing unmetered accounts to be metered and billed by volume of use by July 1, 2012 **OR** within six years of signing the MOU (whichever date is later).  
 - All retrofits must be completed no later than one year prior to the requirements of state law (January 1, 2025).

### Test for Compliance

Total Meter Retrofits Reported through 2008	
No. of Unmetered Accounts in Base Year	
Meter Retrofit Coverage as % of Base Year Unmetered Accounts	
Coverage Requirement by Year 2 of Implementation per Exhibit 1	33.3%
RU on Schedule to meet 10 Year Coverage Requirement	NO

**BMP 4 COVERAGE STATUS SUMMARY:**  
**Water supplier is not currently on track to meet the coverage requirements for this BMP.**

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

Reporting Unit:  
City of Newport Beach

Reporting Period:  
07-08

### 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

Year	Report Period	BMP 5 Implementation Year	No. of Irrigation Meter Accounts	No. of Irrigation Accounts with Budgets	Budget Coverage Ratio	90% Coverage Met by Year 4
1999	99-00					NA
2000	99-00					NA
2001	01-02					NA
2002	01-02					NA
2003	03-04					NA
2004	03-04					NA
2005	05-06		1,014	49	4.8%	NA
2006	05-06		873	30	3.4%	NA
2007	07-08		967	31	3.2%	NA
2008	07-08	1	991	46	4.6%	NA

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

Select Reporting Period:	07-08
Large Landscape Survey Offers as % of Mixed Use Meter CII Accounts	198.3%
Survey Offers Equal or Exceed 20% Coverage Requirement	YES

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

Total Completed Landscape Surveys Reported through 07-08	764
Credit for Surveys Completed Prior to Implementation of Reporting Database	
Total + Credit	764
CII Accounts in Base Year	9
RU Survey Coverage as a % of Base Year CII Accounts	8488.9%
Coverage Requirement by Year of Implementation per Exhibit 1	0.7%
RU on Schedule to Meet 10 Year Coverage	

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

<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			
2000	99-00			
2001	01-02			
2002	01-02			
2003	03-04			
2004	03-04			
2005	05-06		NO	1
2006	05-06		NO	1
2007	07-08		NO	
2008	07-08	1	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			
2000	99-00			
2001	01-02			
2002	01-02			
2003	03-04			
2004	03-04			
2005	05-06		7	
2006	05-06			
2007	07-08			
2008	07-08	2		

**Test for Condition 3**

<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				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				
2005	05-06		YES		
2006	05-06		YES		
2007	07-08		YES		
2008	07-08	1	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				
2004	03-04				
2005	05-06			148	1,332
2006	05-06			334	3,006

2007	07-08	195,000	675,000	97,960
2008	07-08	195,000	675,000	89,520

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**BMP 5 COVERAGE STATUS SUMMARY:**

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

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

Reporting Unit:  
Alameda County Water District

Reporting  
Period:  
**07-08**

### 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 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=Total Dwelling Units x 0.0768) by July 1, 2008. Agencies signing the MOU after July 1, 2003, shall have a prorated Coverage Goal, based on implementation period of less than 4.0 years.

#### Test for Condition 1

Agency offers rebates for residential high-efficiency washers with water factors of 9.5 or less:	YES
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#### Test for Condition 2

Coverage Goal:	7,985
Total Coverage Points Awarded (incl. past credit):	21,478
% of Coverage Goal:	268.98%

#### BMP 6 COVERAGE STATUS SUMMARY:

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

## BMP 07 Coverage: Public Information Programs

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### 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 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

<u>Year</u>	<u>Report Period</u>	<u>BMP 7 Implementation Year</u>	<u>RU Has Public Information Program?</u>
1999	99-00		
2000	99-00		
2001	01-02		
2002	01-02		
2003	03-04		
2004	03-04		
2005	05-06		
2006	05-06		
2007	07-08	1	YES
2008	07-08	2	YES

#### **BMP 7 COVERAGE STATUS SUMMARY:**

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

## BMP 08 Coverage: School Education Programs

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### 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 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

<u>Year</u>	<u>Report Period</u>	<u>BMP 8 Implementation Year</u>	<u>RU Has School Education Program?</u>
1999	99-00		
2000	99-00		
2001	01-02		
2002	01-02		
2003	03-04		
2004	03-04		
2005	05-06		
2006	05-06		
2007	07-08	1	YES
2008	07-08	2	YES

#### **BMP 8 COVERAGE STATUS SUMMARY:**

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

## BMP 09 Coverage: Conservation Programs for CII Accounts

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### 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>
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#### Test for Condition 2a

	<u>Commercial</u>	<u>Industrial</u>	<u>Institutional</u>
Total Completed Surveys Reported through 2008			
Credit for Surveys Completed Prior to Implementation of Reporting Databases			
Total + Credit			
CII Accounts in Base Year	1,215	52	397
RU Survey Coverage as % of Base Year CII Accounts			
Coverage Requirement by Year 1 of Implementation per Exhibit 1	0.5%	0.5%	0.5%
RU on Schedule to Meet 10 Year Coverage Requirement	NO	NO	NO

#### Test for Condition 2a

<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>
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#### Test for Condition 2c

Total BMP 9 Surveys + Credit

BMP 9 Survey Coverage	
BMP 9 Performance Target Coverage	0.4%
BMP 9 Survey + Performance Target Coverage	0.4%
Combined Coverage Equals or Exceeds Coverage Requirement?	NO

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**BMP 9 COVERAGE STATUS SUMMARY:**

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

## BMP 11 Coverage: Conservation Pricing

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### MOU Exhibit 1 Coverage Requirement

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

Per June 13, 2007 revision, an agency must meet one condition to comply with BMP 11.

Condition 1: Agency shall maintain rate structure consistent with BMP 11's definition of conservation pricing. If agency provides retail sewer service, agency shall maintain rate structure for sewer service consistent with definition of conservation pricing for sewer service in Part II, Section in A.

Water Service

- Agencies signing the MOU prior to June 13, 2007, implementation shall commence no later than July 1, 2007.
- Agencies signing the MOU after June 13, 2007, implementation shall commence no later than July 1 of the year following the year the Agency signed the MOU.

Sewer Service

- Agencies signing the MOU prior to December 31, 1997, implementation shall commence no later than July 1, 2008.
- Agencies signing the MOU or becoming subject to the MOU after December 31, 1997, implementation shall commence no later than July 1 of the first year following the year the agency signed or became subject to the MOU.

#### Test for Condition 1

<u>Year</u>	<u>Report Period</u>	<u>RU Employed Conserving WATER Rate Structure</u>	<u>RU Employed Conserving SEWER Rate Structure</u>
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#### **BMP 11 COVERAGE STATUS SUMMARY:**

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

**BMP 12 Coverage: Conservation Coordinator**

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

**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		
2000	99-00		
2001	01-02		
2002	01-02		
2003	03-04		
2004	03-04		
2005	05-06	NO	
2006	05-06	NO	
2007	07-08	NO	
2008	07-08	YES	1

**BMP 12 COVERAGE STATUS SUMMARY:**

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

## BMP 13 Coverage: Water Waste Prohibition

Reporting Unit:  
**City of Newport Beach**

Reporting Period:  
**07-08**

### 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 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.

#### 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							
2000							
2001							
2002							
2003							
2004							
2005	YES	NO	YES	NO	YES		NO
2006	YES	NO	YES	NO	YES		NO
2007	YES	NO	YES	NO	YES	YES	NO
2008	YES	NO	YES	NO	YES	YES	NO

#### BMP 13 COVERAGE STATUS SUMMARY:

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

## BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: **City of Newport Beach**

### 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>
2007	YES	NO	NO		1.11
2008	YES	NO	NO		3.55
2009	NO	NO	NO		5.89
2010	NO	NO	NO		
2011	NO	NO	NO		
2012	NO	NO	NO		
2013	NO	NO	NO		
2014	NO	NO	NO		
2015	NO	NO	NO		
2016	NO	NO	NO		

\*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 on track to meet the coverage requirements for this BMP.**

