

BMP 1: Water Survey Programs for Single-Family and Multi-Family Residential Customers

An agency must meet **three** conditions to satisfy strict compliance for BMP 1.

Condition 1: Adopt survey targeting and marketing strategy on time

ALL AGENCIES AUTOMATICALLY MEET THIS CONDITION

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

bmp1_survey_offers_sf

bmp1_survey_offers_mf

bmp1_offers_coverage_met_sf

bmp1_offers_coverage_met_mf

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

bmp1_survey_coverage_requirement

bmp1_survey_coverage_sf

bmp1_survey_coverage_mf

bmp1_survey_coverage_met_sf

bmp1_survey_coverage_met_mf

Factors for non-compliance:

Of the 98 agencies offering surveys, 38 offered to over 100% of accounts. Majority of remaining agencies offered to less than 10% of accounts.

Low percentage for surveys completed; many at less than 5%.

Some agencies are on track for SF, but not MF, or vice-versa.

Low response rate for programs, lack of jurisdiction for entering properties.

Liability concerns (having two or more people entering property) can make program not cost-effective.

BMP 2: Residential Plumbing Retrofit

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.

saturation_result_sf

dem_saturation_sf_yn

saturation_result_mf

dem_saturation_mf_yn

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.

enforceable_ordinance_yn

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.

bmp2_showerhead_coverage_sf

bmp2_showerhead_coverage_mf

Factors for non-compliance:

At what percentage should an agency be regarded as "on track"? (40-60%?)

May be out of agency's jurisdiction to adopt ordinance.

Showerhead installation - Agency may be on track for SF but not MF, or vice-versa.

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

Factors for non-compliance:

Of the 74 agencies with partial performance, 7 are meeting Condition 2a, 14 are meeting 2b, 29 are meeting Condition 3.

Many agencies have offered surveys to over 20% of CII accounts, but they are not on track for surveying 15%, according to the scale in BMP 5.

Agencies face difficulties with CII customers not allowing landscape surveys or not taking part in retrofit/landscape budget programs.

BMP 6: High-Efficiency Washing Machine Rebate Programs

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

Condition 1: Offer cost-effective financial incentives for high-efficiency washers with Water Factors of 9.5 or less.

agency_offered_rebate_yn

Condition 2: Meet Coverage Goal (CG=Total Dwelling Units x 0.048) by January 1, 2007.

bmp6_pct_coverage

Factors for non-compliance:

Agencies did not receive points for HEW incentives if they did not spend \$25 per incentive. This requirement changes in the revised BMP 6.

If agencies did not track HEW water factors for previous years, they only receive one point per incentive.

They could receive 2-3 points per, if they knew the WF.

Some agencies had difficulty factoring the number of "dwelling units" within their service area. Overstating this number would result in an inflated Coverage Goal.

BMP 7: Public Information Programs

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.

has_info_program_yn

BMP 8: School Education Programs

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.

has_ed_program_yn

BMP 9: Conservation Programs for CII Accounts

An agency must meet **two** conditions to comply with BMP 9.

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

bmp9_ranked_use

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.

bmp9_survey_coverage_requirement
bmp9_survey_coverage_com
bmp9_survey_coverage_met_com
bmp9_survey_coverage_ind
bmp9_survey_coverage_met_ind
bmp9_survey_coverage_inst
bmp9_survey_coverage_met_inst

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.

bmp9_performance_coverage_requirement
bmp9_performance_targ_coverage
bmp9_performance_coverage_requirement_met

OR

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

BMP9_combined_coverage
BMP9_combined_coverage_met

Factors for non-compliance:

If agency has not ranked CII accounts, yet are meeting their BMP 9 targets, they are still out of compliance. Many agencies are on track to survey 10% of two out of the three CII sectors.

BMP 11: Conservation Pricing

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.

bmp11_conserve_water_rate_yn
bmp11_conserve_sewer_rate_yn

Factors for non-compliance:

Agencies have conserving water, but not sewer rates.

Agencies have conserving rates for most, but not all, water rates.

BMP 12: Conservation Coordinator

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

BMP 13: Water Waste Prohibition

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.

prohibit_gutter_flooding_yn
prohibit_single_pass_cooling_yn
prohibit_single_pass_car_wash_yn
prohibit_single_pass_laundry_yn
prohibit_single_pass_fountains_yn
ordinance_in_effect_yn
bmp13_coverage_met

Factors for non-compliance:

Agency may not have jurisdiction to insitute a wastewater prohibition ordinance.
Ordinance does not prohibit all five items listed (all are required for compliance).
Many ordinances are drought/emergency ordinances. Does not meet BMP requirements unless

BMP 14: Residential ULFT Replacement Programs

An agency must meet **one** of the following conditions to be in compliance with BMP 14.

- Condition 1: Retrofit-on-resale (ROR) in effect in service area
- Condition 2: Water savings from toilet replacement programs equal to 90% of Exhibit 6 coverage

Factors for non-compliance:

Lack of customer participation in program.
Agency may not have jurisdiction to enforce an ROR ordinance.
Some agencies comment that program is not cost-effective, but neglect to file exemption requests.