APPENDIX F

Retail BMP Reports, 2001-2004

CUWCC

Memorandum of Understanding

Best Management Practices Report Filing

BMP Activity History: Multiple-Year Overview

Reporting Unit:
San Juan Water District - Retail

INSTRUCTIONS: Exhibit 1 allows Signatories to credit BMP activity completed prior to 1998 against BMP coverage requirements. To obtain credit for this past activity you must complete the information summarized below. Choose a year and click "Go" to ADD or EDIT BMP activity data for that specific year. If you do not enter previous BMP activity, the system will have no way to calculate credit toward coverage requirements for this activity.

A. Number of RESIDENTIAL Water Use Surveys by Year

Year	No. Single-Family Surveys	No. Multi-Family Surveys
1991	10	19
1992	1	1
1993	3	0
1994	24	0
1995	112	2
1996	107	0
1997	136	0
1998	282	0
Total	675	22

B. Number of LANDSCAPE Surveys Completed by Year

Year	Surveys Receiving Follow-up	Surveys Not Receiving Follow-up
1991	0	10
1992	0	0
1993	0	6
1994	0	0
1995	0	0
1996	0	0
1997	0	0
1998	0	7
Total	0	23

C. Number of CII Surveys Completed by Year

Year	Commercial		Industrial		Institutional	
	Follow-Up	No Follow-Up	Follow-Up	No Follow-Up	Follow-Up	No Follow-Up
1991	0	0	0	0	0	0
1992	0	0	0	0	0	0
1993	0	0	0	0	0	0
1994	0	0	0	0	0	0
1995	0	0	0	0	0	0
1996	0	0	0	0	0	0
1997	0	1	0	0	0	0
1998	0	73	0	0	0	6

Total	0	74	0	0	0	6

D. Estimated WATER SAVINGS (AF/Yr) from CII Programs by Year

Year	Site Verified	Site Not Verified
1991	0	0
1992	0	0
1993	0	0
1994	0	0
1995	0	0
1996	0	0
1997	0	0
1998	0	0
Total	0	0

E. (Part I) Historical CII Ultra-Low-Flush Toilet Installations by CII Sector by Year

Year	Auto	Food	Health	Hotel	Manuf'g	Membership	Multi-Use
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0

E. (Part II) Historical CII Ultra-Low-Flush Toilet Installations by CII Sector by Year

Year	Office	Religious	Restaurant	Retail	School	Wholesale	Unknown
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0
1997	0	0	1	0	0	0	0
1998	0	0	1	0	0	0	0
Total	0	0	2	0	0	0	0

F. Number of Residential ULFT Rebates / Installations by Year:

Year	Single-Family	Multi-Family
1991	0	0
1992	0	0
1993	0	0
1994	0	0
1995	39	0
1996	105	0
1997	119	0
1998	104	0

Total	367	0

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Best Management Practices Report Filing

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Memorandum of Understanding

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Base Year Data

Reporting Unit: **San Juan Water District - Retail**	Form Status: **CUWCC Reviewed**
1. Your **BASE YEAR is 1999**. NOTE: Many calculations in determining credit history and coverage requirements are contingent on your BASE YEAR, which is calculated based on the following criteria. If a Signatory signed the MOU in 1997 or earlier, then the Base Year is 1997. If a Signatory signed the MOU after 1997, then the Base Year is the year the MOU was signed. The same holds true for USBR Contractors, except the date their Base Year is calculated from is the date that their Plan was noticed in the Federal Register.	
BMP 1	
2. Number of single-family customers in 1999	8911
3. Number of multi-family units in 1999	42
BMPs 2 and 14	
4. Number of single-family housing units constructed prior to 1992	6814
5. Number of multi-family units prior to 1992	64
BMP 4	
6. Number of unmetered accounts in 1999	1507
BMPs 5 and 9	
7. Number of commercial accounts in 1999	176
8. Number of industrial accounts in 1999	0
9. Number of institutional accounts in 1999	12
10. Total water use (AF) by commercial, industrial and institutional accounts in 1999	637
BMP 14	
11. Average number of toilets per single-family household	2
12. Average number of toilets per multi-family household	1
13. Five-year average resale rate of single-family households	.05
14. Five-year average resale rate of multi-family households	.01
15. Average persons per single-family household	3
16. Average persons per multi-family household	2

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Reported as of 8/24/05

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

Reporting Unit:	Reporting Period:
San Juan Water District - Retail	**03-04**

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

		Single-Family	Multi-Family
San Juan Water District - Retail to Implement Targeting/Marketing Program by:	2001		
Year San Juan Water District - Retail Reported Implementing Targeting/Marketing Program:		1990	1990
San Juan Water District - Retail Met Targeting/Marketing Coverage Requirement:		YES	YES

Test for Condition 2

			Single-Family	Multi-Family
Survey Program to Start by:	2000	Residential Survey Offers (%)	216.37%	2209.52%
Reporting Period:	03-04	Survey Offers ≥ 20%	YES	YES

Test for Condition 3

	Completed Residential Surveys	
	Single Family	Multi-Family
Total Completed Surveys 1999 - 2004:	1,078	4
Past Credit for Surveys Completed Prior to 1999 (Implementation of Reporting Database):	616	7
Total + Credit	1,694	11

Residential Accounts in Base Year	8,911	42
San Juan Water District - Retail Survey Coverage as % of Base Year Residential Accounts	19.01%	26.19%
Coverage Requirement by Year 5 of Implementation per Exhibit 1	4.90%	4.90%
San Juan Water District - Retail on Schedule to Meet 10-Year Coverage Requirement	YES	YES

BMP 1 COVERAGE STATUS SUMMARY:
Water supplier is meeting coverage requirements for this BMP.

Reported as of 8/24/05

BMP 02 Coverage: Residential Plumbing Retrofit

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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 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

		Single-Family		Multi-Family	
Report Year	Report Period	Reported Saturation	Saturation ≥ 75%?	Reported Saturation	Saturation ≥ 75%?
1999	99-00	59.00%	NO	70.00%	NO
2000	99-00	60.00%	NO	70.00%	NO
2001	01-02	60.00%	NO	70.00%	NO
2002	01-02	60.00%	NO	70.00%	NO
2003	03-04	71.00%	NO	100.00%	YES
2004	03-04	74.00%	NO	100.00%	YES

Test for Condition 2

Report Year	Report Period	San Juan Water District - Retail has ordinance requiring showerhead retrofit?
1999	99-00	NO
2000	99-00	NO
2001	01-02	NO
2002	01-02	NO
2003	03-04	NO
2004	03-04	NO

Test for Condition 3

Reporting Period: 03-04

1992 SF Accounts	Num. Showerheads Distributed to SF Accounts	Single-Family Coverage Ratio	SF Coverage Ratio > 10%
6,814	378	5.5%	NO
1992 MF Accounts	**Num. Showerheads Distributed to MF Accounts**	**Multi-Family Coverage Ratio**	**MF Coverage Ratio > 10%**

BMP 2 COVERAGE STATUS SUMMARY:
Water supplier has not met one or more coverage requirements for this BMP.

Reported as of 8/24/05

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

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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 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

Report Year	Report Period	Pre-Screen Completed	Pre-Screen Result	Full Audit Indicated	Full Audit Completed
1999	99-00	YES	100.0%	No	YES
2000	99-00	NO			NO
2001	01-02	NO			NO
2002	01-02	NO			NO
2003	03-04	NO			NO
2004	03-04	YES	98.4%	No	YES

BMP 3 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

Reported as of 8/24/05

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

Reporting Unit:
San Juan Water District - Retail

Reporting Period:
03-04

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 2004	1,507
No. of Unmetered Accounts in Base Year	1,507
Meter Retrofit Coverage as % of Base Year Unmetered Accounts	100.0%
Coverage Requirement by Year 4 of Implementation per Exhibit 1	24.0%
RU on Schedule to meet 10 Year Coverage Requirement	YES

BMP 4 COVERAGE STATUS SUMMARY:
Water supplier is meeting coverage requirements for this BMP.

Reported as of 8/24/05

BMP 05 Coverage: Large Landscape Conservation Programs and Incentives

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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	-1	160			NA
2000	99-00		171			NA
2001	01-02	1	199			NA
2002	01-02	2	212			NA
2003	03-04	3	217			NA
2004	03-04	4	225			No

Test for Condition 2a (survey offers)

Select Reporting Period:	03-04
Large Landscape Survey Offers as % of Mixed Use Meter CII Accounts	1088.8%
Survey Offers Equal or Exceed 20% Coverage Requirement	YES

Test for Condition 2a (surveys completed)

Total Completed Landscape Surveys Reported through	106
Credit for Surveys Completed Prior to Implementation of Reporting Database	15
Total + Credit	121
CII Accounts in Base Year	188
RU Survey Coverage as a % of Base Year CII Accounts	64.4%
Coverage Requirement by Year of Implementation per Exhibit 1	3.6%

RU on Schedule to Meet 10 Year Coverage

Requirement	YES

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

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

Report Year	Report Period	BMP 4 Implementation Year	No. of mixed use CII accounts	No. of mixed use CII accounts fitted with irrig. meters
1999	99-00	-1	94	
2000	99-00		94	
2001	01-02	1	94	
2002	01-02	2	94	
2003	03-04	3	215	
2004	03-04	4	210	

Test for Condition 3

Report Year	Report Period	BMP 5 Implementation Year	RU offers financial incentives?	No. of Loans	Total Amt. Loans
1999	99-00	-1	NO		
2000	99-00		NO		
2001	01-02	1	NO		
2002	01-02	2	YES		
2003	03-04	3	YES		
2004	03-04	4	YES		

Report Year	Report Period	No. of Grants	Total Amt. Grants	No. of rebates	Total Amt. Rebates
1999	99-00				
2000	99-00				
2001	01-02				
2002	01-02				
2003	03-04				
2004	03-04				

BMP 5 COVERAGE STATUS SUMMARY:
Water supplier is meeting coverage requirements for this BMP.

Reported as of 8/24/05

BMP 06 Coverage: High-Efficiency Washing Machine Rebate Programs

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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 6.

Condition 1: Offer a cost-effective financial incentive for high-efficiency washers if one or more energy service providers in service area offer financial incentives for high-efficiency washers.

Test for Condition 1

Year	Report Period	BMP 6 Implementation Year	Rebate Offered by ESP?	Rebate Offered by RU?	Rebate Amount
1999	99-00	-1	YES	YES	50.00
2000	99-00		NO	NO	
2001	01-02	1	YES	NO	
2002	01-02	2	YES	NO	
2003	03-04	3	YES	NO	
2004	03-04	4	YES	NO	

Year	Report Period	BMP 6 Implementation Year	No. Rebates Awarded	Coverage Met?
1999	99-00	-1	1	YES
2000	99-00			YES
2001	01-02	1		NO
2002	01-02	2		NO
2003	03-04	3		NO
2004	03-04	4		NO

BMP 6 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

Reported as of 8/24/05

BMP 07 Coverage: Public Information Programs

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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

Year	Report Period	BMP 7 Implementation Year	RU Has Public Information Program?
1999	99-00		YES
2000	99-00	1	YES
2001	01-02	2	YES
2002	01-02	3	YES
2003	03-04	4	YES
2004	03-04	5	YES

BMP 7 COVERAGE STATUS SUMMARY:
Water supplier is meeting coverage requirements for this BMP.

Reported as of 8/24/05

BMP 08 Coverage: School Education Programs

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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

Year	Report Period	BMP 8 Implementation Year	RU Has School Education Program?
1999	99-00		YES
2000	99-00	1	YES
2001	01-02	2	YES
2002	01-02	3	YES
2003	03-04	4	YES
2004	03-04	5	YES

BMP 8 COVERAGE STATUS SUMMARY:
Water supplier is meeting coverage requirements for this BMP.

Reported as of 8/24/05

BMP 09 Coverage: Conservation Programs for CII Accounts

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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 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

Year	Report Period	BMP 9 Implementation Year	Ranked Com. Use	Ranked Ind. Use	Ranked Inst. Use
1999	99-00	-1	YES	YES	YES
2000	99-00		YES	YES	YES
2001	01-02	1	YES	YES	YES
2002	01-02	2	YES	YES	YES
2003	03-04	3	YES	YES	YES
2004	03-04	4	YES	YES	YES

Test for Condition 2a

	Commercial	Industrial	Institutional
Total Completed Surveys Reported through 2004	60	0	7
Credit for Surveys Completed Prior to Implementation of Reporting Databases	74		6
Total + Credit	134		13
CII Accounts in Base Year	176		12
RU Survey Coverage as % of Base Year CII Accounts	76.1%		108.3%
Coverage Requirement by Year 4 of Implementation per Exhibit 1	2.4%	2.4%	2.4%
RU on Schedule to Meet 10 Year Coverage Requirement	YES	NO	YES

Test for Condition 2a

Performance

Year	Report Period	BMP 9 Implementation Year	Performance Target Savings (AF/yr)	Performance Target Savings Coverage	Target Savings Coverage Requirement	Coverage Requirement Met
1999	99-00	-1				YES
2000	99-00					YES
2001	01-02	1			0.5%	NO
2002	01-02	2			1.0%	NO
2003	03-04	3			1.7%	NO
2004	03-04	4			2.4%	NO

Test for Condition 2c

Total BMP 9 Surveys + Credit	147
BMP 9 Survey Coverage	78.2%
BMP 9 Performance Target Coverage	
BMP 9 Survey + Performance Target Coverage	78.2%
Combined Coverage Equals or Exceeds Coverage Requirement?	YES

BMP 9 COVERAGE STATUS SUMMARY:
Water supplier is meeting coverage requirements for this BMP.

Reported as of 8/24/05

BMP 11 Coverage: Conservation Pricing

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

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

Year	Report Period	RU Employed Non Conserving Rate Structure	RU Meets BMP 11 Coverage Requirement
1999	99-00	YES	NO
2000	99-00	YES	NO
2001	01-02	NO	YES
2002	01-02	NO	YES
2003	03-04	NO	YES
2004	03-04	NO	YES

BMP 11 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

Reported as of 8/24/05

BMP 13 Coverage: Water Waste Prohibition

Reporting Unit: **San Juan Water District - Retail**

Reporting Period: **03-04**

MOU Exhibit 1 Coverage Requirement

No exemption request filed

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

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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.

Test for Condition 1

Agency or service area prohibits:

Year	Gutter Flooding	Single-Pass Cooling Systems	Single-Pass Car Wash	Single-Pass Laundry	Single-Pass Fountains	Other	RU has ordinance that meets coverage requirement
1999	yes	no	yes	no	yes	yes	NO
2000	yes	no	yes	no	yes	yes	NO
2001	yes	no	no	no	yes	yes	NO
2002	yes	no	no	no	yes	yes	NO
2003	yes	no	no	no	yes	yes	NO
2004	yes	no	no	no	yes	yes	NO

BMP 13 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

Reported as of 8/24/05

BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: **Alameda County Water District**

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.

Status: Water supplier has filed with CUWCC an exemption with supporting documentation for this BMP. as of 2004

Coverage Year	BMP 14 Data Submitted to CUWCC	Exemption Filed with CUWCC	ROR Ordinance in Effect	Exhibit 6 Coverage Req'mt (AF)	Toilet Replacement Program Water Savings* (AF)
1998	Yes			136.68	
1999	Yes	Yes	No	394.60	0.97
2000	Yes	Yes	No	759.64	1.89
2001	Yes	Yes	No	1218.96	2.78
2002	Yes	Yes	No	1760.83	3.64
2003	Yes	Yes	No	2374.58	4.46
2004	Yes	Yes	No	3050.50	5.24
2005	No	No	No	3779.79	
2006	No	No	No	4554.43	
2007	No	No	No	5367.19	

*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.

BMP 14 COVERAGE STATUS SUMMARY:
Water supplier has filed with CUWCC an exemption with supporting documentation for this BMP.

Conservation staff salaries are reported in BMP 12. SJWD is fully complying with this BMP.

Reported as of 8/24/05

Accounts & Water Use

Reporting Unit Name:	Submitted to	Year:
San Juan Water District - Retail	CUWCC **02/25/2005**	**2004**

A. Service Area Population Information:

1. Total service area population 28984

B. Number of Accounts and Water Deliveries (AF)

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	3854	2646.55	5834	11940.65
2. Multi-Family	113	228.65	4	8.09
3. Commercial	190	393.21	0	0
4. Industrial	0	0	0	0
5. Institutional	12	249.78	0	0
6. Dedicated Irrigation	225	1035.88	0	0
7. Recycled Water	0	0	0	0
8. Other	8	2.51	0	0
9. Unaccounted	NA	0	NA	1435.24
Total	4402	4556.58	5838	13383.98
	Metered		**Unmetered**	

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Based on your signed MOU date, 08/02/1999, your Agency STRATEGY DUE DATE is:	08/01/2001
2. Has your agency developed and implemented a targeting/ marketing strategy for SINGLE-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	07/01/1990
3. Has your agency developed and implemented a targeting/ marketing strategy for MULTI-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	07/01/1990

B. Water Survey Data

Survey Counts:	**Single Family Accounts**	**Multi-Family Units**
1. Number of surveys offered:	9688	468
2. Number of surveys completed:	198	0
Indoor Survey:		
3. Check for leaks, including toilets, faucets and meter checks	yes	yes
4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary	yes	yes
5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as neccesary; replace leaking toilet flapper, as necessary	yes	yes
Outdoor Survey:		
6. Check irrigation system and timers	yes	yes
7. Review or develop customer irrigation schedule	yes	yes
8. Measure landscaped area (Recommended but not required for surveys)	no	no
9. Measure total irrigable area (Recommended but not required for surveys)	no	no
10. Which measurement method is typically used (Recommended but not required for surveys)		None
11. Were customers provided with information packets that included evaluation results and water savings recommendations?	yes	yes
12. Have the number of surveys offered and completed, survey results, and survey costs been tracked?	yes	yes
a. If yes, in what form are surveys tracked?		manual activity

b. Describe how your agency tracks this information.

Completed survey results are prepared during site visit, provided to, and discussed with the customer at the time of the survey; a copy is also kept on file. Survey results include a watering schedule, recommendations to improve water use efficiency, and a customer satisfaction survey. Irrigation controllers are programmed to the suggested watering schedule upon customer request.

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	10230	2450
2. Actual Expenditures	10636	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

With partial funding from USBR, the district implemented an irrigation controller replacement program in 2004 to replace inefficient controllers. Nearly 60 controllers were replaced after water surveys were conducted. All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 02: Residential Plumbing Retrofit

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? — no

   a. If YES, list local jurisdictions in your service area and code or ordinance in each:

2. Has your agency satisfied the 75% saturation requirement for single-family housing units? — no
3. Estimated percent of single-family households with low-flow showerheads: — 74%
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? — yes
5. Estimated percent of multi-family households with low-flow showerheads: — 100%
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

   The district had 42 multi-family accounts in 1992 (168 units). In 1997, we delivered plumbing retrofit kits to all multi-family units (kits include 2-showerheads, 1 Kitchen aerator, 2 bath aerators and 2 toilet tummies). Starting in 2004, random checks were made to test flow rates of indoor plumbing fixtures on homes built prior to 1992 to begin checking the saturation rate. Tests showed low-flow plumbing fixtures were installed on all homes checked. District staff checks and tracks flow rates on pre-1992 built homes during site visits.

B. Low-Flow Device Distribution Information

1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? — yes

   a. If YES, when did your agency begin implementing this strategy? — 05/15/1989

   b. Describe your targeting/ marketing strategy.

   The district targets homes built prior to 1992. Marketing efforts include announcements in new resident welcome packets, message line on bill statements, and bi-monthly newsletters. Staff will continue to deliver kits to all pre-1992 built homes until the 75% saturation requirement has been met. Thereafter, we will continue to have kits available upon request.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	71	0
3. Number of toilet-displacement devices distributed:	71	0
4. Number of toilet flappers distributed:	25	0
5. Number of faucet aerators distributed:	213	0

6. Does your agency track the distribution and cost of low-flow — yes

devices?

a. If YES, in what format are low-flow devices tracked? Manual Activity

b. If yes, describe your tracking and distribution system :

Delivery of Retrofit kits is tracked manually by marking service area maps and delivery slips. Costs of kits are tracked through our accounting system.

C. Low-Flow Device Distribution Expenditures

	This Year	Next Year
1. Budgeted Expenditures	2100	2100
2. Actual Expenditures	2415	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Has your agency completed a pre-screening system audit for this reporting year?	yes
2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:	
a. Determine metered sales (AF)	18367
b. Determine other system verifiable uses (AF)	38983
c. Determine total supply into the system (AF)	58281
d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required.	0.98
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production?	yes
4. Did your agency complete a full-scale audit during this report year?	yes
5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit?	yes
6. Does your agency operate a system leak detection program?	yes

a. If yes, describe the leak detection program:

Leak detection methods include zone usage monitoring, zone pressure monitoring, and surface conditions. Repairs are made on an as-needed basis. The District has a five-year main line replacement program in effect. The District contracts Utility Service Association, Inc. to conduct leak surveys where suspected excessive leakage exists.

B. Survey Data

1. Total number of miles of distribution system line.	209.7
2. Number of miles of distribution system line surveyed.	202.97

C. System Audit / Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	2000	6000
2. Actual Expenditures	3886	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Routine maintenance and repairs are made on as as-needed basis and are not included in the budgeted and actual expenditures. Another full-scale audit is scheduled for 2005.

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Does your agency require meters for all new connections and bill by volume-of-use?	yes
2. Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use?	yes
a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?	07/01/1995

b. Describe the program:

All new construction has been required to install meters and pay a metered rate since July 1997. Meters are installed on all district connections. The District is reading all meters and recording consumption. In 2003 we began showing consumption and a comparative metered rate on our flat rate customer's bill to prepare for the transition from flat rate to metered rate. Metered Billing is scheduled to begin for all customers in April 2005 (for water used Jan-Mar).

3. Number of previously unmetered accounts fitted with meters during report year.	0

B. Feasibility Study

1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	no
a. If YES, when was the feasibility study conducted? (mm/dd/yy)	

b. Describe the feasibility study:

2. Number of CII accounts with mixed-use meters.	210
3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period.	0

C. Meter Retrofit Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	19000	30000
2. Actual Expenditures	17962	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

All Conservation staff salaries are reported in BMP12. The district fully complies with this BMP.

Reported as of 8/24/05

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Water Use Budgets

1. Number of Dedicated Irrigation Meter Accounts:	225
2. Number of Dedicated Irrigation Meter Accounts with Water Budgets:	0
3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF):	0
4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF):	0
5. Does your agency provide water use notices to accounts with budgets each billing cycle?	no

B. Landscape Surveys

1. Has your agency developed a marketing / targeting strategy for landscape surveys?	yes
a. If YES, when did your agency begin implementing this strategy?	07/01/1989

b. Description of marketing / targeting strategy:

Free irrigation surveys are offered to customers with dedicated irrigation accounts and large landscapes through welcome packets to new customers, in our bi-monthly newsletter, and on billing statements.

2. Number of Surveys Offered.	1830
3. Number of Surveys Completed.	56
4. Indicate which of the following Landscape Elements are part of your survey:	
a. Irrigation System Check	yes
b. Distribution Uniformity Analysis	yes
c. Review / Develop Irrigation Schedules	yes
d. Measure Landscape Area	no
e. Measure Total Irrigable Area	no
f. Provide Customer Report / Information	yes
5. Do you track survey offers and results?	yes
6. Does your agency provide follow-up surveys for previously completed surveys?	yes

a. If YES, describe below:

In 2004, district staff called customers where surveys had previously been performed to offer follow-up surveys. Only a few customers were interested in a follow-up survey. Of the 1830 surveys offered, 1605 of these are SF residential with large landscapes and are included in the number of surveys offered in BMP 1.

C. Other BMP 5 Actions

1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program. Does your agency provide mixed-use accounts with	no

landscape budgets?

2. Number of CII mixed-use accounts with landscape budgets.	0
3. Do you offer landscape irrigation training?	yes
4. Does your agency offer financial incentives to improve landscape water use efficiency?	yes

Type of Financial Incentive:	Budget (Dollars/ Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	0	0	0
b. Loans	0	0	0
c. Grants	0	0	0

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

The District sends new resident welcome packets with water conservation brochures, information describing district water efficiency services, and free programs to customers.

6. Do you have irrigated landscaping at your facilities?	yes
a. If yes, is it water-efficient?	yes
b. If yes, does it have dedicated irrigation metering?	yes
7. Do you provide customer notices at the start of the irrigation season?	yes
8. Do you provide customer notices at the end of the irrigation season?	yes

D. Landscape Conservation Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	43300
2. Actual Expenditures	0	

E. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

F. Comments

The district is participating in a large landscape irrigation system upgrade incentive program through RWA with DWR Prop 13 Grant funding. The district has also obtained funding from USBR for a 2005 rebate program to help our customers improve pond-efficiency. All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Do any energy service providers or waste water utilities in your service area offer rebates for high-efficiency washers? — yes

   a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

   SMUD offers Sacramento County customers graduated rebates up to $125. The district will also offer a graduated rebate after July 1, 2005, to customers who purchase and install a high-efficiency washing machine.

2. Does your agency offer rebates for high-efficiency washers? — no
3. What is the level of the rebate? — 0
4. Number of rebates awarded. — 0

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	3000
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? — no

   a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The District will implement a rebate program in July of 2005 for customers who purchase and install a high-efficiency clothers washer and agree to an indoor water audit. A three-tiered rebate of $75/$100/ $125 based on water factors of the washer purchased will be offered.

Reported as of 8/24/05

BMP 07: Public Information Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Does your agency maintain an active public information program to promote and educate customers about water conservation? yes

a. If YES, describe the program and how it's organized.

SJWD provides public information programs through its own efforts and those of RWA. The public information actions include newspaper articles on water saving techniques, extensive literature collection and video library providing landscape and water-related resources; public information booth and staff at local fairs and events. Staff includes a certified Master Gardener who provides customer consultation services. Staff includes a certified Master Gardener who provides customer consultation services. Other marketing actions include new resident welcome packets, annual water awareness calendar, newsletters to customers, CIMIS hotline, and discount coupons from cooperating plant nurseries.

2. Indicate which and how many of the following activities are included in your public information program.

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	yes	6
b. Public Service Announcement	yes	86
c. Bill Inserts / Newsletters / Brochures	yes	4
d. Bill showing water usage in comparison to previous year's usage	no	
e. Demonstration Gardens	yes	56
f. Special Events, Media Events	yes	7
g. Speaker's Bureau	yes	3
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

B. Conservation Information Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	89044	87374
2. Actual Expenditures	143826	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The district will look at changing its bill format in 2005 to include water usage in comparison to previous year's usage. All Conservation staff salaries are reported in BMP12. SJWD fully complies with this BMP.

Reported as of 8/24/05

BMP 08: School Education Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1.Has your agency implemented a school information program to promote water conservation? yes

2. Please provide information on your school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	2	120	2
Grades 4th-6th	yes	4	1128	50
Grades 7th-8th	yes	1	623	3
High School	yes	1	30	1

3. Did your Agency's materials meet state education framework requirements? yes

4. When did your Agency begin implementing this program? 07/01/1989

B. School Education Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	33185	32710
2. Actual Expenditures	31042	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

SJWD maintains an excellent relationship with elementary and junior high schools in our service area. The district participates with other water agencies in a poster contest each year and invites students from grades 4-6 to participate. In addition, the district judges science projects that feature a water theme at the Cavitt Junior High science fair. SJWD offers the Water Bucks program as incentive to involve students and teachers in monitoring school water use. The District participates in the Newspapers In Education program through RWA. District staff makes several class presentations each year to teach water efficiency and also how our treatment plant operates. All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Has your agency identified and ranked COMMERCIAL customers according to use?	yes
2. Has your agency identified and ranked INDUSTRIAL customers according to use?	yes
3. Has your agency identified and ranked INSTITUTIONAL customers according to use?	yes

Option A: CII Water Use Survey and Customer Incentives Program

4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option?	yes

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	198	0	12
b. Number of New Surveys Completed	7	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0

CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	yes	no	yes
f. Evaluation of all water-using apparatus and processes	yes	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	no	yes

Agency CII Customer Incentives	Budget ($/Year)	No. Awarded to Customers	Total $ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	0	6	240

Option B: CII Conservation Program Targets

5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this option?	no
6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings?	no
7. Estimated annual savings (AF/yr) from site-verified actions taken by agency since 1991.	0
8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.	0

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	240	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The district does not have any industrial customers. The district participated in RWA's Rinse & Save program to replace pre-rinse spray valves in restaurants. The district determined that schools are the largest water user out of our commercial/institutional customers. The Water Bucks program instructs students and teachers how to conduct site audits, report findings to the principal, and check for achieved maintenance. The schools are rewarded with funds for physical plant and education betterment. All school program costs are included in BMP 8. All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 09a: CII ULFT Water Savings

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

1. Did your agency implement a CII ULFT replacement program in the reporting year? If No, please explain why on Line B. 10. — Yes

A. Targeting and Marketing

1. What basis does your agency use to target customers for participation in this program? Check all that apply.

   Consumption ranking
   CII Sector or subsector

   a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

   We have not found an effective method - SJWD sent a direct mailer to the top 20% of water users. RWA sent a mailer to all Sacramento area plumbing contractors. We did not receive any responses.

2. How does your agency advertise this program? Check all that apply.

   Direct letter
   Bill insert
   Bill message
   Newsletter
   Telephone
   Web page
   Radio PSAs
   Radio paid announcements
   Other print media
   Trade shows and events

   a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

   We have not found an effective method

B. Implementation

1. Does your agency keep and maintain customer participant information? (Read the Help information for a complete list of all the information for this BMP.) — Yes
2. Would your agency be willing to share this information if the CUWCC did a study to evaluate the program on behalf of your agency? — Yes
3. What is the total number of customer accounts participating in the program during the last year ? — 0

CII Subsector	Number of Toilets Replaced			
4.	**Standard Gravity Tank**	**Air Assisted**	**Valve Floor Mount**	**Valve Wall Mount**
a. Offices	0	0	0	0
b. Retail / Wholesale	0	0	0	0
c. Hotels	0	0	0	0
d. Health	0	0	0	0

e. Industrial	0	0	0	0
f. Schools: K to 12	0	0	0	0
g. Eating	0	0	0	0
h. Government	0	0	0	0
i. Churches	0	0	0	0
j. Other	0	0	0	0

5. Program design. Rebate or voucher

6. Does your agency use outside services to implement this program? Yes

a. If yes, check all that apply. Community Based Organization

7. Participant tracking and follow-up. Site Visit

8. Based on your program experience, please rank on a scale of 1 to 5, with 1 being the least frequent cause and 5 being the most frequent cause, the following reasons why customers refused to participate in the program.

a. Disruption to business	1
b. Inadequate payback	5
c. Inadequate ULFT performance	3
d. Lack of funding	5
e. American's with Disabilities Act	2
f. Permitting	1
g. Other. Please describe in B. 9.	2

9. Please describe general program acceptance/resistance by customers, obstacles to implementation, and other isues affecting program implementation or effectiveness.

Response has severely declined in recent years. Most of the CII sites in our service area were constructed after 1992 and already meet ULFT requirements. Many toilets in establishments constructed before 1992 were replaced in prior years.

10. Please provide a general assessment of the program for this reporting year. Did your program achieve its objectives? Were your targeting and marketing approaches effective? Were program costs in line with expectations and budgeting?

Achievements were below targets and expectations have been declining for several years.

C. Conservation Program Expenditures for CII ULFT

1. CII ULFT Program: Annual Budget & Expenditure Data

	Budgeted	Actual Expenditure
a. Labor	0	0
b. Materials	0	0
c. Marketing & Advertising	0	0
d. Administration &	0	0

Overhead		
e. Outside Services	0	0
f. Total	0	0

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency contribution	0
b. State agency contribution	0
c. Federal agency contribution	0
d. Other contribution	0
e. Total	0

D. Comments

An additional fifty-dollar rebate is available from the Sacramento Regional County Sanitation District to our customers who reside in Sacramento County. Program costs are reported in BMP 14. Conservation staff salaries are reported in BMP 12.

Reported as of 8/24/05

BMP 11: Conservation Pricing

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

Rate Structure Data Volumetric Rates for Water Service by Customer Class

1. Residential

a. Water Rate Structure	Increasing Block
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$946307
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$3385085

2. Commercial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$750094
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$12500

3. Industrial

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0

4. Institutional / Government

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0

5. Irrigation

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0

6. Other

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0

B. Conservation Pricing Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Retailers.1. The district's residential customers pay either an Increasing Block Volumetric Rate or a Non-Volumetric Flat Rate. All residential customers will be transitioned to the Increasing Block Volumetric Rate in 2005. Retailers.2. Commercial revenue includes all non-residential revenue (CII, irrigation, other). The district's rate structure does not distinguish between these accounts that are all billed a uniform volumetric rate. B. No dollars are budgeted for this BMP as Conservation Pricing is already in effect.

Reported as of 8/24/05

BMP 12: Conservation Coordinator

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

1. Does your Agency have a conservation coordinator?	yes
2. Is this a full-time position?	no
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ?	no
4. Partner agency's name:	N/A
5. If your agency supplies the conservation coordinator:	
a. What percent is this conservation coordinator's position?	30%
b. Coordinator's Name	Judy Gagnier
c. Coordinator's Title	Customer Service Manager
d. Coordinator's Experience and Number of Years	7 years
e. Date Coordinator's position was created (mm/dd/yyyy)	2/1/1991
6. Number of conservation staff, including Conservation Coordinator.	4

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	254526	268681
2. Actual Expenditures	249962	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Actual expenditures include 30% of Conservation Coordinator's salary and fringe benefits and 100% of Conservation staff salaries and fringe benefits.

Reported as of 8/24/05

BMP 13: Water Waste Prohibition

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Requirements for Documenting BMP Implementation

1. Is a water waste prohibition ordinance in effect in your service area? — yes

a. If YES, describe the ordinance:

San Juan Water District Code of Ordinances #02-02 dated June 5, 2002

2. Is a copy of the most current ordinance(s) on file with CUWCC? — yes

a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box:

San Juan Water District	Ordinances #02-02, Section 11 Prohibited Practices and Enforcement Measures; Section 23 District Water Conservation Program; and Appendix C Water Conservation Reconnect Fee

B. Implementation

1. Indicate which of the water uses listed below are prohibited by your agency or service area.

a. Gutter flooding	yes
b. Single-pass cooling systems for new connections	no
c. Non-recirculating systems in all new conveyor or car wash systems	no
d. Non-recirculating systems in all new commercial laundry systems	no
e. Non-recirculating systems in all new decorative fountains	yes
f. Other, please name Water shall be used for beneficial uses only; all unnecessary and wasteful uses of water are prohibited.	yes

2. Describe measures that prohibit water uses listed above:

Appendix C Water Conservation Reconnect Fees. The reconnect fee is progressive for failure to correct or eliminate a water waste condition.

Water Softeners:

3. Indicate which of the following measures your agency has supported in developing state law:

a. Allow the sale of more efficient, demand-initiated regenerating DIR models.	no
b. Develop minimum appliance efficiency standards that:	
i.) Increase the regeneration efficiency standard to at least 3,350 grains of hardness removed per pound of common salt used.	no
ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced.	no
c. Allow local agencies, including municipalities and	

special districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply. — no

4. Does your agency include water softener checks in home water audit programs? — no

5. Does your agency include information about DIR and exchange-type water softeners in educational efforts to encourage replacement of less efficient timer models? — no

C. Water Waste Prohibition Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? — yes

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

District conservation staff respond to all water waste complaints and requests for assistance from customers. They show customers how they can improve water efficiency and repair leaks. In some cases, staff repairs minor leaks for the customer. This no-cost service is included in the conservation salary budget. All Conservation staff salaries are included in BMP 12.

E. Comments

Reported as of 8/24/05

BMP 14: Residential ULFT Replacement Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2004**

A. Implementation

	Single-Family Accounts	Multi-Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes

Number of Toilets Replaced by Agency Program During Report Year

Replacement Method	SF Accounts	MF Units
2. Rebate	91	0
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
Total	**91**	**0**

6. Describe your agency's ULFT program for single-family residences.

SJWD advertises the toilet replacement program in its newsletter and welcome packs to new residents. Customers may receive a rebate of up to $75 per toilet to replace existing 3.5 gallons per flush (gpf) or higher toilets with 1.6 gpf. The Sacramento Regional County Sanitation District advertises and offers an additional $50 rebate to our customers who reside in Sacramento County. SJWD collects the old toilet for disposal, thus providing 100% verification of installations.

7. Describe your agency's ULFT program for multi-family residences.

The up-to-$75 rebate per toilet program is offered to both single family and multi-family residences. In addition, the up-to-$50 rebate is advertised and offered to both single family and multi-family residences in Sacramento County by the Sacramento Regional County Sanitation District.

8. Is a toilet retrofit on resale ordinance in effect for your service area? no

9. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

N/A	N/A

B. Residential ULFT Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	10130	10130
2. Actual Expenditures	10272	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP

differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Conservation staff salaries are reported in BMP 12. SJWD is fully complying with this BMP.

Reported as of 8/24/05

Accounts & Water Use

Reporting Unit Name:	Submitted to	Year:
San Juan Water District - Retail	CUWCC **03/30/2004**	**2003**

A. Service Area Population Information:

1. Total service area population 28694

B. Number of Accounts and Water Deliveries (AF)

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	2311	1833.94	7282	12182.33
2. Multi-Family	93	174.11	22	41.14
3. Commercial	196	376.55	0	0
4. Industrial	0	0	0	0
5. Institutional	11	210.48	0	0
6. Dedicated Irrigation	217	911.97	0	0
7. Recycled Water	0	0	0	0
8. Other	8	3	0	0
9. Unaccounted	NA	0	NA	1368.13
Total	2836	3510.05	7304	13591.6
	Metered		**Unmetered**	

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Based on your signed MOU date, 08/02/1999, your Agency STRATEGY DUE DATE is:	08/01/2001
2. Has your agency developed and implemented a targeting/ marketing strategy for SINGLE-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	07/01/1990
3. Has your agency developed and implemented a targeting/ marketing strategy for MULTI-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	07/01/1990

B. Water Survey Data

Survey Counts:	**Single Family Accounts**	**Multi-Family Units**
1. Number of surveys offered:	9593	460
2. Number of surveys completed:	224	0
Indoor Survey:		
3. Check for leaks, including toilets, faucets and meter checks	yes	yes
4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary	no	no
5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as neccesary; replace leaking toilet flapper, as necessary	no	no
Outdoor Survey:		
6. Check irrigation system and timers	yes	yes
7. Review or develop customer irrigation schedule	yes	yes
8. Measure landscaped area (Recommended but not required for surveys)	no	no
9. Measure total irrigable area (Recommended but not required for surveys)	no	no
10. Which measurement method is typically used (Recommended but not required for surveys)		None
11. Were customers provided with information packets that included evaluation results and water savings recommendations?	yes	yes
12. Have the number of surveys offered and completed, survey results, and survey costs been tracked?	yes	yes
a. If yes, in what form are surveys tracked?		manual activity

b. Describe how your agency tracks this information.

Completed survey results are reviewed and provided to the customer at the time of the survey; a copy is also kept on file. Survey results include a watering schedule, recommendations to improve water use efficiency, and a customer satisfaction survey. Irrigation controllers are programmed to the suggested watering schedule upon customer request.

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	10530	17177
2. Actual Expenditures	8616	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

1) Multi-family statistics for prior years was reported as number of accounts, rather than number of units. 2003 is correctly reported in number of units. 2) All Conservation staff salaries are reported in BMP12. 3) The 2002 "next year" budget should have included $10,000 budgeted for a controller replacement program.

Reported as of 8/24/05

BMP 02: Residential Plumbing Retrofit

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? no

   a. If YES, list local jurisdictions in your service area and code or ordinance in each:

2. Has your agency satisfied the 75% saturation requirement for single-family housing units? no
3. Estimated percent of single-family households with low-flow showerheads: 71%
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? yes
5. Estimated percent of multi-family households with low-flow showerheads: 100%
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

   The district had 42 multi-family accounts in 1992 (168 units). In 1997, we delivered plumbing retrofit kits, that included 1-2 low-flow showerheads per kit, to all multi-family units. Survey research will begin in 2004 to test flow rates of indoor plumbing fixtures on homes built prior to 1992.

B. Low-Flow Device Distribution Information

1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? yes

   a. If YES, when did your agency begin implementing this strategy? 05/15/1989

   b. Describe your targeting/ marketing strategy.

   The district targets homes built prior to 1992. Marketing efforts include announcements in new resident welcome packets, message line on bill statements, and bi-monthly newsletters. Staff will continue to deliver kits to all pre-1992 built homes until the 75% saturation requirement has been met. Thereafter, we will continue to have kits available upon request.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	307	0
3. Number of toilet-displacement devices distributed:	307	0
4. Number of toilet flappers distributed:	0	0
5. Number of faucet aerators distributed:	921	0

6. Does your agency track the distribution and cost of low-flow devices? yes

   a. If YES, in what format are low-flow devices tracked? Manual Activity

   b. If yes, describe your tracking and distribution system :

Delivery of Retrofit kits is tracked manually by marking service area maps and delivery slips. Costs of kits are tracked through our accounting system.

C. Low-Flow Device Distribution Expenditures

	This Year	Next Year
1. Budgeted Expenditures	2100	3004
2. Actual Expenditures	1960.12	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Has your agency completed a pre-screening system audit for this reporting year?	no
2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:	
a. Determine metered sales (AF)	
b. Determine other system verifiable uses (AF)	
c. Determine total supply into the system (AF)	
d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required.	0.00
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production?	yes
4. Did your agency complete a full-scale audit during this report year?	no
5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit?	no
6. Does your agency operate a system leak detection program?	yes

a. If yes, describe the leak detection program:

Leak detection methods include zone usage monitoring, zone pressure monitoring, and surface conditions. Repairs are made on an as-needed basis. The District has a five-year main line replacement program in effect. The District contracts Utility Service Association, Inc. to conduct leak surveys where suspected excessive leakage exists. A full distribution system water audit is scheduled for 2004.

B. Survey Data

1. Total number of miles of distribution system line.	202.97
2. Number of miles of distribution system line surveyed.	0

C. System Audit / Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	3500	4698
2. Actual Expenditures	3838	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Routine maintenance and repairs made on an as-needed basis are not included in the budgeted and actual expenditures. A full-scale audit is scheduled for 2004.

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Does your agency require meters for all new connections and bill by volume-of-use?	yes
2. Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use?	yes
a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?	07/01/1995

b. Describe the program:

All new construction has been required to install meters and pay a metered rate since July 1997. 100% of all flat rate customers are now metered (with the exception of six customers who refused meters). The District is reading all meters and recording consumption. In 2003 we began showing consumption and a comparative metered rate on our flat rate customer's bill to prepare for the transition from flat rate to metered rate. Metered Billing is scheduled to begin for all customers in April 2005 (for water used Jan-Mar).

3. Number of previously unmetered accounts fitted with meters during report year.	0

B. Feasibility Study

1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	no
a. If YES, when was the feasibility study conducted? (mm/dd/yy)	

b. Describe the feasibility study:

2. Number of CII accounts with mixed-use meters.	215
3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period.	0

C. Meter Retrofit Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	7500	6800
2. Actual Expenditures	3900	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

All Conservation staff salaries are reported in BMP12. The district fully complies with this BMP.

Reported as of 8/24/05

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Water Use Budgets

1. Number of Dedicated Irrigation Meter Accounts:	217
2. Number of Dedicated Irrigation Meter Accounts with Water Budgets:	0
3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF):	0
4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF):	0
5. Does your agency provide water use notices to accounts with budgets each billing cycle?	no

B. Landscape Surveys

1. Has your agency developed a marketing / targeting strategy for landscape surveys?	yes
a. If YES, when did your agency begin implementing this strategy?	07/01/1989

b. Description of marketing / targeting strategy:

Free irrigation surveys are offered to customers with dedicated irrigation accounts and large landscapes through welcome packets to new customers, in our bi-monthly newsletter, and on billing statements.

2. Number of Surveys Offered.	217
3. Number of Surveys Completed.	0
4. Indicate which of the following Landscape Elements are part of your survey:	
a. Irrigation System Check	yes
b. Distribution Uniformity Analysis	yes
c. Review / Develop Irrigation Schedules	yes
d. Measure Landscape Area	no
e. Measure Total Irrigable Area	no
f. Provide Customer Report / Information	yes
5. Do you track survey offers and results?	yes
6. Does your agency provide follow-up surveys for previously completed surveys?	yes

a. If YES, describe below:

The district sends letters offering follow-up surveys to all previously surveyed accounts.

C. Other BMP 5 Actions

1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program. Does your agency provide mixed-use accounts with landscape budgets?	no
2. Number of CII mixed-use accounts with landscape budgets.	0

3. Do you offer landscape irrigation training? yes

4. Does your agency offer financial incentives to improve landscape water use efficiency? yes

Type of Financial Incentive:	Budget (Dollars/ Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	0	0	0
b. Loans	0	0	0
c. Grants	0	0	0

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

The District sends new resident welcome packets with water conservation brochures, information describing district water efficiency services, and free programs to customers.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

b. If yes, does it have dedicated irrigation metering? yes

7. Do you provide customer notices at the start of the irrigation season? yes

8. Do you provide customer notices at the end of the irrigation season? yes

D. Landscape Conservation Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	9300	15000
2. Actual Expenditures	9982	

E. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

F. Comments

A large landscape irrigation system incentive program is currently being developed through RWA with DWR Prop 13 Grants. All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Do any energy service providers or waste water utilities in your service area offer rebates for high-efficiency washers? — yes

   a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

   SMUD offers Sacramento County customers graduated rebates up to $125. In 2004, the District will calculate the cost effectiveness of providing a high-efficiency washing machine rebate and, if appropriate, will consider a rebate program through discussions with our Board.

2. Does your agency offer rebates for high-efficiency washers? — no
3. What is the level of the rebate? — 0
4. Number of rebates awarded. — 0

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? — no

   a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The District will calculate the cost effectiveness of providing a high-efficiency washing machine rebate in 2004 and, if appropriate, will consider a rebate program through discussions with our Board.

Reported as of 8/24/05

BMP 07: Public Information Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Does your agency maintain an active public information program to promote and educate customers about water conservation? yes

a. If YES, describe the program and how it's organized.

SJWD provides public information programs through its own efforts and those of RWA. The public information actions include newspaper articles on water saving techniques, extensive literature collection and video library providing landscape and water-related resources; public information booth and staff at local fairs and events and, until September 2001, tours of the treatment plant. Staff includes a certified Master Gardener who provides customer consultation services. Other marketing actions include new resident welcome packets, annual water awareness calendar, newsletters to customers, CIMIS hotline, and discount coupons from cooperating plant nurseries.

2. Indicate which and how many of the following activities are included in your public information program.

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	yes	406
b. Public Service Announcement	yes	23
c. Bill Inserts / Newsletters / Brochures	yes	18
d. Bill showing water usage in comparison to previous year's usage	no	
e. Demonstration Gardens	yes	20
f. Special Events, Media Events	yes	27
g. Speaker's Bureau	yes	3
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

B. Conservation Information Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	96134	82704
2. Actual Expenditures	89587	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

All Conservation staff salaries are reported in BMP12. SJWD fully complies with this BMP.

Reported as of 8/24/05

BMP 08: School Education Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1.Has your agency implemented a school information program to promote water conservation? yes

2. Please provide information on your school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	3	1129	5
Grades 4th-6th	yes	3	999	5
Grades 7th-8th	yes	1	589	3
High School	yes	2	40	1

3. Did your Agency's materials meet state education framework requirements? yes

4. When did your Agency begin implementing this program? 07/01/1989

B. School Education Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	16025	18964
2. Actual Expenditures	20685	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

SJWD maintains an excellent relationship with elementary and junior high schools in our service area. The district participates with other water agencies in a poster contest each year and invites students from grades 4-6 to participate. In addition, the district judges science projects that feature a water theme at the Cavitt Junior High science fair. SJWD offers the Water Bucks program as incentive to involve students and teachers in monitoring school water use. (The Water Bucks budget is split between BMP 8 and BMP 9.) All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Has your agency identified and ranked COMMERCIAL customers according to use?	yes
2. Has your agency identified and ranked INDUSTRIAL customers according to use?	yes
3. Has your agency identified and ranked INSTITUTIONAL customers according to use?	yes

Option A: CII Water Use Survey and Customer Incentives Program

4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option?	yes

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	196	0	11
b. Number of New Surveys Completed	4	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0

CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	yes	no	yes
f. Evaluation of all water-using apparatus and processes	yes	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	no	yes

Agency CII Customer Incentives	Budget ($/Year)	No. Awarded to Customers	Total $ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	0	0	0

Option B: CII Conservation Program Targets

5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this option?	no
6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings?	no
7. Estimated annual savings (AF/yr) from site-verified actions taken by agency since 1991.	0
8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.	0

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	12500	19240
2. Actual Expenditures	10109	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The district does not have any industrial customers. SJWD "Water Bucks" program targets schools as the largest commercial/institutional water user. The Water Bucks program instructs students and teachers how to conduct site audits, report findings to the principal, and check for achieved maintenance. The schools are rewarded with funds for physical plant and education betterment. (The Water Bucks budget is split between BMP 8 and BMP 9.) All Conservation staff salaries are reported in BMP12.

Reported as of 8/24/05

BMP 09a: CII ULFT Water Savings

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

1. Did your agency implement a CII ULFT replacement program in the reporting year? If No, please explain why on Line B. 10. — Yes

A. Targeting and Marketing

1. What basis does your agency use to target customers for participation in this program? Check all that apply.

Consumption ranking
CII Sector or subsector

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

We have not found an effective method - SJWD sent a direct mailer to the top 20% of water users. RWA sent a mailer to all Sacramento area plumbing contractors. We did not receive any responses.

2. How does your agency advertise this program? Check all that apply.

Direct letter
Bill insert
Bill message
Newsletter
Web page
Radio PSAs
Radio paid announcements

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

We have not found an effective method

B. Implementation

1. Does your agency keep and maintain customer participant information? (Read the Help information for a complete list of all the information for this BMP.) — Yes

2. Would your agency be willing to share this information if the CUWCC did a study to evaluate the program on behalf of your agency? — Yes

3. What is the total number of customer accounts participating in the program during the last year ? — 0

CII Subsector	Number of Toilets Replaced			
4.	**Standard Gravity Tank**	**Air Assisted**	**Valve Floor Mount**	**Valve Wall Mount**
a. Offices	0	0	0	0
b. Retail / Wholesale	0	0	0	0
c. Hotels	0	0	0	0
d. Health	0	0	0	0
e. Industrial	0	0	0	0
f. Schools:	0	0	0	0

K to 12				
g. Eating	0	0	0	0
h. Government	0	0	0	0
i. Churches	0	0	0	0
j. Other	0	0	0	0

5. Program design. Rebate or voucher

6. Does your agency use outside services to implement this program? Yes

a. If yes, check all that apply. Community Based Organization

7. Participant tracking and follow-up. Site Visit

8. Based on your program experience, please rank on a scale of 1 to 5, with 1 being the least frequent cause and 5 being the most frequent cause, the following reasons why customers refused to participate in the program.

a. Disruption to business	1
b. Inadequate payback	5
c. Inadequate ULFT performance	3
d. Lack of funding	5
e. American's with Disabilities Act	2
f. Permitting	1
g. Other. Please describe in B. 9.	2

9. Please describe general program acceptance/resistance by customers, obstacles to implementation, and other isues affecting program implementation or effectiveness.

Response has severely declined in recent years. Most of the CII sites in our service area were constructed after 1992 and already meet ULFT requirements. Many toilets in establishments constructed before 1992 were replaced in prior years.

10. Please provide a general assessment of the program for this reporting year. Did your program achieve its objectives? Were your targeting and marketing approaches effective? Were program costs in line with expectations and budgeting?

Achievements were below targets and expectations have been declining for several years.

C. Conservation Program Expenditures for CII ULFT

1. CII ULFT Program: Annual Budget & Expenditure Data

	Budgeted	Actual Expenditure
a. Labor	0	0
b. Materials	0	0
c. Marketing & Advertising	0	0
d. Administration & Overhead	0	0
e. Outside Services	0	0

f. Total	0	0

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency contribution	0
b. State agency contribution	0
c. Federal agency contribution	0
d. Other contribution	50
e. Total	50

D. Comments

An additional fifty-dollar rebate is available from the Sacramento Regional County Sanitation District to our customers who reside in Sacramento County. Program costs are reported in BMP 14. Conservation staff salaries are reported in BMP 12.

Reported as of 8/24/05

BMP 11: Conservation Pricing

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

Rate Structure Data Volumetric Rates for Water Service by Customer Class

1. Residential	
a. Water Rate Structure	Increasing Block
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$934271
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$3832061
2. Commercial	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$628797
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$11062
3. Industrial	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
4. Institutional / Government	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
5. Irrigation	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
6. Other	

a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0

B. Conservation Pricing Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Retailers.1. The district's residential customers pay either an Increasing Block Volumetric Rate or a Non-Volumetric Flat Rate. All residential customers will be transitioned to the Increaseing Block Volumetric Rate in 2005. Retailers.2. Commercial revenue includes all non-residential revenue (CII, irrigation, other). The district's rate structure does not distinguish between these accounts that are all billed a uniform volumetric rate. B. No dollars are budgeted for this BMP as Conservation Pricing is already in effect.

Reported as of 8/24/05

BMP 12: Conservation Coordinator

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

1. Does your Agency have a conservation coordinator?	yes
2. Is this a full-time position?	no
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ?	no
4. Partner agency's name:	N/A
5. If your agency supplies the conservation coordinator:	
a. What percent is this conservation coordinator's position?	30%
b. Coordinator's Name	Judy Gagnier
c. Coordinator's Title	Customer Service Manager
d. Coordinator's Experience and Number of Years	6 years
e. Date Coordinator's position was created (mm/dd/yyyy)	2/1/1991
6. Number of conservation staff, including Conservation Coordinator.	4

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	307739	254526
2. Actual Expenditures	307739	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Actual expenditures include 30% of Conservation Coordinator's salary; 100% of Conservation Manager salary, Charlie Pike, who was employed by SJWD through 6/30/03; and 100% of Conservation staff salaries.

Reported as of 8/24/05

BMP 13: Water Waste Prohibition

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Requirements for Documenting BMP Implementation

1. Is a water waste prohibition ordinance in effect in your service area? — yes

   a. If YES, describe the ordinance:

   San Juan Water District Code of Ordinances #02-02

2. Is a copy of the most current ordinance(s) on file with CUWCC? — yes

   a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box:

San Juan Water District	Ordinances #02-02, Section 11 and Section 23 and Appendix C

B. Implementation

1. Indicate which of the water uses listed below are prohibited by your agency or service area.

a. Gutter flooding	yes
b. Single-pass cooling systems for new connections	no
c. Non-recirculating systems in all new conveyor or car wash systems	no
d. Non-recirculating systems in all new commercial laundry systems	no
e. Non-recirculating systems in all new decorative fountains	yes
f. Other, please name Water shall be used for beneficial uses only; all unnecessary and wasteful uses of water are prohibited.	yes

2. Describe measures that prohibit water uses listed above:

   Appendix C Water Conservation Reconnect Fees. The reconnect fee is progressive for failure to correct or eliminate a water waste condition.

Water Softeners:

3. Indicate which of the following measures your agency has supported in developing state law:

a. Allow the sale of more efficient, demand-initiated regenerating DIR models.	no
b. Develop minimum appliance efficiency standards that:	
i.) Increase the regeneration efficiency standard to at least 3,350 grains of hardness removed per pound of common salt used.	no
ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced.	no
c. Allow local agencies, including municipalities and special districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply.	no

4. Does your agency include water softener checks in home water audit programs? — no

5. Does your agency include information about DIR and exchange-type water softeners in educational efforts to encourage replacement of less efficient timer models? no

C. Water Waste Prohibition Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? yes

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

District conservation staff respond to all water waste complaints and requests for assistance from customers. They show customers how they can improve water efficiency and repair leaks. In some cases, staff repairs minor leaks for the customer. This no cost service is included in the conservation salary budget. All Conservation staff salaries are included in BMP 12.

E. Comments

Reported as of 8/24/05

BMP 14: Residential ULFT Replacement Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2003**

A. Implementation

	Single-Family Accounts	Multi-Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes

Number of Toilets Replaced by Agency Program During Report Year

Replacement Method	SF Accounts	MF Units
2. Rebate	68	0
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
Total	**68**	**0**

6. Describe your agency's ULFT program for single-family residences.

SJWD advertises the toilet replacement program in its newsletter and welcome packs to new residents. Customers may receive a rebate of up to $75 per toilet to replace existing 3.5 gallons per flush (gpf) or higher toilets with 1.6 gpf. The Sacramento Regional County Sanitation District offers an additional $50 rebate to our customers who reside in Sacramento County. SJWD collects the old toilet for disposal, thus providing 100% verification of installations.

7. Describe your agency's ULFT program for multi-family residences.

The up to $125 rebate per toilet program is offered to both single family and multi-family residences.

8. Is a toilet retrofit on resale ordinance in effect for your service area? no

9. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

N/A N/A

B. Residential ULFT Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	10130	9500
2. Actual Expenditures	8201	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Accounts & Water Use

Reporting Unit Name:	Submitted to	Year:
San Juan Water District - Retail	CUWCC **12/31/2002**	**2002**

A. Service Area Population Information:

1. Total service area population 28439

B. Number of Accounts and Water Deliveries (AF)

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	2007	1617.68	7506	12495.03
2. Multi-Family	55	155.98	57	161.88
3. Commercial	189	387.54	0	0
4. Industrial	0	0	0	0
5. Institutional	10	234.58	0	0
6. Dedicated Irrigation	212	917.12	0	0
7. Recycled Water	0	0	0	0
8. Other	8	1.94	0	0
9. Unaccounted	NA	0	NA	1388.85
Total	2481	3314.84	7563	14045.76
	Metered		**Unmetered**	

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Based on your signed MOU date, 08/02/1999, your Agency STRATEGY DUE DATE is:	08/01/2001
2. Has your agency developed and implemented a targeting/ marketing strategy for SINGLE-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	7/1/1990
3. Has your agency developed and implemented a targeting/ marketing strategy for MULTI-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	7/1/1990

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	9513	448
2. Number of surveys completed:	106	12
Indoor Survey:		
3. Check for leaks, including toilets, faucets and meter checks	no	no
4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary	no	no
5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as neccesary; replace leaking toilet flapper, as necessary	no	no
Outdoor Survey:		
6. Check irrigation system and timers	yes	yes
7. Review or develop customer irrigation schedule	yes	yes
8. Measure landscaped area (Recommended but not required for surveys)	no	no
9. Measure total irrigable area (Recommended but not required for surveys)	no	no
10. Which measurement method is typically used (Recommended but not required for surveys)		None
11. Were customers provided with information packets that included evaluation results and water savings recommendations?	yes	yes
12. Have the number of surveys offered and completed, survey results, and survey costs been tracked?	yes	yes
a. If yes, in what form are surveys tracked?		manual activity

b. Describe how your agency tracks this information.

Completed survey results are mailed to customers and kept on file. Survey results include watering schedules, recommendations to improve water use efficiency, and customer satisfaction survey.

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	1295	590
2. Actual Expenditures	392	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 02: Residential Plumbing Retrofit

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? — no

   a. If YES, list local jurisdictions in your service area and code or ordinance in each:

2. Has your agency satisfied the 75% saturation requirement for single-family housing units? — no
3. Estimated percent of single-family households with low-flow showerheads: — 60%
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? — no
5. Estimated percent of multi-family households with low-flow showerheads: — 70%
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

B. Low-Flow Device Distribution Information

1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? — yes

   a. If YES, when did your agency begin implementing this strategy? — 5/15/1989

   b. Describe your targeting/ marketing strategy.

   The district targets homes built prior to 1992. Marketing efforts include announcements in: new resident welcome packets, message line on bill statements, and bi-monthly newsletters. Staff delivers kits to responding homes.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	19	6
3. Number of toilet-displacement devices distributed:	86	6
4. Number of toilet flappers distributed:	1	0
5. Number of faucet aerators distributed:	86	6

6. Does your agency track the distribution and cost of low-flow devices? — yes

   a. If YES, in what format are low-flow devices tracked? — Manual Activity

   b. If yes, describe your tracking and distribution system :

   Delivery of device kits is tracked manually by marking service area maps. Costs of kits are tracked through the cost accounting system.

C. Low-Flow Device Distribution Expenditures

	This Year	Next Year

1. Budgeted Expenditures	1500	1500
2. Actual Expenditures	552	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

   a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Has your agency completed a pre-screening system audit for this reporting year?	no
2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:	
a. Determine metered sales (AF)	
b. Determine other system verifiable uses (AF)	
c. Determine total supply into the system (AF)	
d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required.	0.00
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production?	yes
4. Did your agency complete a full-scale audit during this report year?	no
5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit?	no
6. Does your agency operate a system leak detection program?	yes

a. If yes, describe the leak detection program:

Leak detection methods include zone usage monitoring, zone pressure monitoring, and surface conditions. Repairs are made on an as-needed basis. The District has a five-year main line replacement program in effect. The District contracts Utility Service Association, Inc. to conduct leak surveys where suspected excessive leakage exists. When the district converts to a fully metered system, formal distribution system water audits will be conducted at least once every three years. 4. Will begin in 2003 in zones that are 100% metered and paying a metered rate.

B. Survey Data

1. Total number of miles of distribution system line.	205.45
2. Number of miles of distribution system line surveyed.	.48

C. System Audit / Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Routine maintenance and repairs made on an as-needed basis are not included in the budgeted and actual expenditures.

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Does your agency require meters for all new connections and bill by volume-of-use?	yes
2. Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use?	yes
a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?	7/1/1995

b. Describe the program:

All new construction has been required to install meters and pay a metered rate since July 1997. 100 % of all flat rate customers are now metered. District is reading all meters and recording consumption. In 2003 metered use will show on customer bills during transition from flat rate to metered rate. Metered Billing is scheduled to begin for all customers in 2005.

3. Number of previously unmetered accounts fitted with meters during report year.	0

B. Feasibility Study

1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	no
a. If YES, when was the feasibility study conducted? (mm/dd/yy)	

b. Describe the feasibility study:

2. Number of CII accounts with mixed-use meters.	94
3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period.	0

C. Meter Retrofit Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

The district fully complies with this BMP.

Reported as of 8/24/05

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Water Use Budgets

1. Number of Dedicated Irrigation Meter Accounts:	212
2. Number of Dedicated Irrigation Meter Accounts with Water Budgets:	0
3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF):	0
4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF):	0
5. Does your agency provide water use notices to accounts with budgets each billing cycle?	no

B. Landscape Surveys

1. Has your agency developed a marketing / targeting strategy for landscape surveys?	yes
a. If YES, when did your agency begin implementing this strategy?	7/1/1989

b. Description of marketing / targeting strategy:

Free irrigation surveys are offered to customers with dedicated irrigation accounts and large landscapes through welcome packets to new customers, in our bi-monthly newsletter, and on billing statements.

2. Number of Surveys Offered.	1170
3. Number of Surveys Completed.	8
4. Indicate which of the following Landscape Elements are part of your survey:	
a. Irrigation System Check	yes
b. Distribution Uniformity Analysis	yes
c. Review / Develop Irrigation Schedules	yes
d. Measure Landscape Area	no
e. Measure Total Irrigable Area	no
f. Provide Customer Report / Information	yes
5. Do you track survey offers and results?	yes
6. Does your agency provide follow-up surveys for previously completed surveys?	yes

a. If YES, describe below:

The district sends letters offering follow-up surveys to all previously surveyed accounts.

C. Other BMP 5 Actions

1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program.	no
Does your agency provide mixed-use accounts with landscape budgets?	
2. Number of CII mixed-use accounts with landscape budgets.	0

3. Do you offer landscape irrigation training? yes

4. Does your agency offer financial incentives to improve landscape water use efficiency? yes

Type of Financial Incentive:	Budget (Dollars/ Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	0	0	0
b. Loans	0	0	0
c. Grants	0	0	0

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

Districts send new resident welcome packets with water conservation brochures, information describing district water efficiency services, and free programs to customers.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

b. If yes, does it have dedicated irrigation metering? yes

7. Do you provide customer notices at the start of the irrigation season? yes

8. Do you provide customer notices at the end of the irrigation season? yes

D. Landscape Conservation Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	18200	10000
2. Actual Expenditures	7790	

E. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

F. Comments

All 212 dedicated irrigation accounts are metered and pay a metered rate. The remaining 961 accounts are a mix of flat rate and metered accounts. With funding from USBR and participation from Rain Bird, the district implemented an irrigation controller replacement and rain sensor installation program this year. Qualifying customers can have their outdated, inefficient controllers replaced and a rain sensor installed at no cost to them after participating in our water survey conducted by staff to help customers improve water efficiency. Conservation salaries are included in BMP 12. The district is fully complying with this BMP.

Reported as of 8/24/05

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Do any energy service providers or waste water utilities in your service area offer rebates for high-efficiency washers? — yes

   a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

   SMUD offers Sacramento County customers graduated rebates up to $125.

2. Does your agency offer rebates for high-efficiency washers? — no
3. What is the level of the rebate? — 0
4. Number of rebates awarded. — 0

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? — no

   a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

   The Sacramento Area Water Works Association elected not to continue its joint participation with SMUD in the washing machine rebate program.

D. Comments

Reported as of 8/24/05

BMP 07: Public Information Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Does your agency maintain an active public information program to promote and educate customers about water conservation? yes

a. If YES, describe the program and how it's organized.

SJWD provides public information programs through its own efforts and those of SAWWA. The public information actions include: newspaper articles on water saving techniques, extensive literature collection and video library providing landscape and water-related resources; public information booth and staff at local fairs and events and, until September 2001, tours of the treatment plant. Staff includes a certified Master Gardener who provides customer consultation services. Other marketing actions include new resident welcome packets, annual water awareness calendar, newsletters to customers, CIMIS hotline, and discount coupons from cooperating plant nurseries.

2. Indicate which and how many of the following activities are included in your public information program.

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	yes	3
b. Public Service Announcement	yes	3
c. Bill Inserts / Newsletters / Brochures	yes	19
d. Bill showing water usage in comparison to previous year's usage	no	
e. Demonstration Gardens	yes	8
f. Special Events, Media Events	yes	4
g. Speaker's Bureau	yes	2
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

B. Conservation Information Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	9615	12820
2. Actual Expenditures	16403	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Conservation salaries are included in BMP 12. SJWD fully complies with this BMP.

Reported as of 8/24/05

BMP 08: School Education Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1.Has your agency implemented a school information program to promote water conservation? yes

2. Please provide information on your school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	3	1080	1
Grades 4th-6th	yes	9	1080	1
Grades 7th-8th	yes	1	260	3
High School	no	0	0	0

3. Did your Agency's materials meet state education framework requirements? yes

4. When did your Agency begin implementing this program? 7/1/1989

B. School Education Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	7185	8160
2. Actual Expenditures	6637	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

SJWD maintains an excellent relationship with elementary and junior high schools in our service area. The district participates with other water agencies in a poster contest each year and invites students from grades 4-6 to visually share their thoughts about the importance of water efficiency. 12 winning posters are selected from among hundreds and these are featured in a water awareness calendar that is distributed to schools and customers. Each year the district also judges science projects that feature a water theme at the Cavitt Junior High science fair. Winning students from both the poster contest and science fair are presented with a savings bond and their teachers receive a cash reward for purchases in their classroom. SJWD offers the Water Bucks program as incentive to involve school kids and teachers in monitoring school water use. Costs for the Water Bucks program are included under BMP 9. Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Has your agency identified and ranked COMMERCIAL customers according to use?	yes
2. Has your agency identified and ranked INDUSTRIAL customers according to use?	yes
3. Has your agency identified and ranked INSTITUTIONAL customers according to use?	yes

Option A: CII Water Use Survey and Customer Incentives Program

4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option?	yes

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	189	0	10
b. Number of New Surveys Completed	0	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0

CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	yes	no	yes
f. Evaluation of all water-using apparatus and processes	no	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	no	yes

Agency CII Customer Incentives	Budget ($/Year)	No. Awarded to Customers	Total $ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	20000	4	16681

Option B: CII Conservation Program Targets

5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this option?	no
6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings?	no
7. Estimated annual savings (AF/yr) from site-verified actions taken by agency since 1991.	0
8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.	0

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	22000	22600
2. Actual Expenditures	18785	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

SJWD "Water Bucks" program targets schools as the largest commercial/institutional water user. The Water Bucks program instructs students and teachers how to conduct site audits, report findings to the principal, and check for achieved maintenance. The schools are rewarded with funds for physical plant and education betterment. Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 09a: CII ULFT Water Savings

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

1. Did your agency implement a CII ULFT replacement program in the reporting year? If No, please explain why on Line B. 10. — Yes

A. Targeting and Marketing

1. What basis does your agency use to target customers for participation in this program? Check all that apply. — Oldest meter

   a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

   All CII sites are targeted through methods noted below.

2. How does your agency advertise this program? Check all that apply. — Bill insert, Bill message, Newsletter, Web page

   a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

   We found bill inserts to be an effective method of advertising in earlier years.

B. Implementation

1. Does your agency keep and maintain customer participant information? (Read the Help information for a complete list of all the information for this BMP.) — Yes
2. Would your agency be willing to share this information if the CUWCC did a study to evaluate the program on behalf of your agency? — Yes
3. What is the total number of customer accounts participating in the program during the last year ? — 175

CII Subsector	Number of Toilets Replaced			
4.	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount
a. Offices	0	0	0	0
b. Retail / Wholesale	0	0	0	0
c. Hotels	0	0	0	0
d. Health	0	0	0	0
e. Industrial	0	0	0	0
f. Schools: K to 12	0	0	0	0
g. Eating	0	0	0	0
h. Govern-ment	0	0	0	0

i. Churches	0	0	0	0
j. Other	0	0	0	0

5. Program design. Rebate or voucher

6. Does your agency use outside services to implement this program? No

a. If yes, check all that apply.

7. Participant tracking and follow-up. Site Visit

8. Based on your program experience, please rank on a scale of 1 to 5, with 1 being the least frequent cause and 5 being the most frequent cause, the following reasons why customers refused to participate in the program.

a. Disruption to business	1
b. Inadequate payback	1
c. Inadequate ULFT performance	1
d. Lack of funding	1
e. American's with Disabilities Act	5
f. Permitting	1
g. Other. Please describe in B. 9.	3

9. Please describe general program acceptance/resistance by customers, obstacles to implementation, and other isues affecting program implementation or effectiveness.

Response has severely declined in recent years. Most of the CII sites in our service area have been constructed since 1992 and already meet ULFT requirements. Many toilets in establishments constructed before 1992 were replaced in prior years.

10. Please provide a general assessment of the program for this reporting year. Did your program achieve its objectives? Were your targeting and marketing approaches effective? Were program costs in line with expectations and budgeting?

Achievements were below targets and expectations have been declining for several years.

C. Conservation Program Expenditures for CII ULFT

1. CII ULFT Program: Annual Budget & Expenditure Data

	Budgeted	Actual Expenditure
a. Labor	0	0
b. Materials	0	0
c. Marketing & Advertising	0	0
d. Administration & Overhead	0	0
e. Outside Services	0	0
f. Total	0	0

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency	0

contribution	
b. State agency contribution	0
c. Federal agency contribution	0
d. Other contribution	0
e. Total	0

D. Comments

Program costs are included in BMP 14.

Reported as of 8/24/05

BMP 11: Conservation Pricing

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

Rate Structure Data Volumetric Rates for Water Service by Customer Class

1. Residential	
a. Water Rate Structure	Increasing Block
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$563100
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$3362560
2. Commercial	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$476753
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$10177
3. Industrial	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
4. Institutional / Government	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
5. Irrigation	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
6. Other	
a. Water Rate Structure	Uniform

b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0

B. Conservation Pricing Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

All commercial/institutional/dedicated irrigation/other accounts are metered and on a uniform volumetric rate. Revenue for all is combined under Commercial. San Juan WD has completed installation of water meters for all residential customers and is reading the meters and monitoring the volume of water used. All new construction since July 1997 is required to pay a metered rate. All other customers paying a flat rate may voluntarily elect to be billed on a metered basis. All customers will be transitioned to metered billing in 2005. Conservation pricing (increasing block) for residential customers was established in 2000 and implemented in 2001.

Reported as of 8/24/05

BMP 12: Conservation Coordinator

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

1. Does your Agency have a conservation coordinator?	yes
2. Is this a full-time position?	no
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ?	no
4. Partner agency's name:	N/A
5. If your agency supplies the conservation coordinator:	
a. What percent is this conservation coordinator's position?	30%
b. Coordinator's Name	Judy Gagnier
c. Coordinator's Title	Customer Service & Conservation Manager
d. Coordinator's Experience and Number of Years	5 years
e. Date Coordinator's position was created (mm/dd/yyyy)	2/1/1991
6. Number of conservation staff, including Conservation Coordinator.	3

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	219521	268408
2. Actual Expenditures	157727	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

Expenditures include 30% of Conservation Coordinator's salary plus 100% of Conservation staff salary.

D. Comments

Reported as of 8/24/05

BMP 13: Water Waste Prohibition

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Requirements for Documenting BMP Implementation

1. Is a water waste prohibition ordinance in effect in your service area? — yes

   a. If YES, describe the ordinance:

   San Juan Water District Code of Ordinances #95-1

2. Is a copy of the most current ordinance(s) on file with CUWCC? — yes

   a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box:

San Juan Water District	Ordinances #95-1, Section 24, Section 39 and Appendix C

B. Implementation

1. Indicate which of the water uses listed below are prohibited by your agency or service area.

a. Gutter flooding	yes
b. Single-pass cooling systems for new connections	no
c. Non-recirculating systems in all new conveyor or car wash systems	no
d. Non-recirculating systems in all new commercial laundry systems	no
e. Non-recirculating systems in all new decorative fountains	yes
f. Other, please name Water shall be used for beneficial uses only; all unnecessary and wasteful uses of water are prohibited.	yes

2. Describe measures that prohibit water uses listed above:

   Appendix C Water Conservation measures Stage Definitions

Water Softeners:

3. Indicate which of the following measures your agency has supported in developing state law:

a. Allow the sale of more efficient, demand-initiated regenerating DIR models.	no
b. Develop minimum appliance efficiency standards that:	
i.) Increase the regeneration efficiency standard to at least 3,350 grains of hardness removed per pound of common salt used.	no
ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced.	no
c. Allow local agencies, including municipalities and special districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply.	no

4. Does your agency include water softener checks in home water audit programs? — no

5. Does your agency include information about DIR and exchange-

type water softeners in educational efforts to encourage replacement of less efficient timer models? no

C. Water Waste Prohibition Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? yes

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

District conservation staff respond to all water waste complaints and requests for assistance from customers. They show customers how they can improve water efficiency and repair leaks. In some cases, staff repairs minor leaks for the customer. This no cost service is included in the conservation salary budget. Conservation salaries are included in BMP 12.

E. Comments

Reported as of 8/24/05

BMP 14: Residential ULFT Replacement Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2002**

A. Implementation

	Single-Family Accounts	Multi-Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes

Number of Toilets Replaced by Agency Program During Report Year

Replacement Method	SF Accounts	MF Units
2. Rebate	67	0
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
Total	**67**	**0**

6. Describe your agency's ULFT program for single-family residences.

SJWD advertises the toilet replacement program in its newsletter and welcome packs to new residents. Customers may receive a rebate of up to $75 per toilet to replace existing 3.5 gallons per flush (gpf) or higher toilets with 1.6 gpf. SJWD collects the old toilet for disposal, thus providing 100% verification of installations.

7. Describe your agency's ULFT program for multi-family residences.

The up to $75 rebate per toilet program is offered to both single family and multi-family residences.

8. Is a toilet retrofit on resale ordinance in effect for your service area? no

9. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

N/A	N/A

B. Residential ULFT Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	3780	7580
2. Actual Expenditures	5184	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Conservation salaries are included in BMP 12. SJWD is fully complying with this BMP.

Accounts & Water Use

Reporting Unit Name:	Submitted to	Year:
San Juan Water District - Retail	CUWCC **12/31/2002**	**2001**

A. Service Area Population Information:

1. Total service area population 27959

B. Number of Accounts and Water Deliveries (AF)

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	1774	1329.27	7576	11603.07
2. Multi-Family	50	163.5	61	199.47
3. Commercial	191	418.73	0	0
4. Industrial	0	0	0	0
5. Institutional	12	289.92	0	0
6. Dedicated Irrigation	210	892.32	0	0
7. Recycled Water	0	0	0	0
8. Other	6	.52	0	0
9. Unaccounted	NA	0	NA	1295.37
Total	2243	3094.26	7637	13097.91
	Metered		**Unmetered**	

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Based on your signed MOU date, 08/02/1999, your Agency STRATEGY DUE DATE is:	08/01/2001
2. Has your agency developed and implemented a targeting/ marketing strategy for SINGLE-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	7/1/1990
3. Has your agency developed and implemented a targeting/ marketing strategy for MULTI-FAMILY residential water use surveys?	yes
a. If YES, when was it implemented?	7/1/1990

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi-Family Units
1. Number of surveys offered:	9350	444
2. Number of surveys completed:	133	4
Indoor Survey:		
3. Check for leaks, including toilets, faucets and meter checks	no	no
4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary	no	no
5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as neccesary; replace leaking toilet flapper, as necessary	no	no
Outdoor Survey:		
6. Check irrigation system and timers	yes	yes
7. Review or develop customer irrigation schedule	yes	yes
8. Measure landscaped area (Recommended but not required for surveys)	no	no
9. Measure total irrigable area (Recommended but not required for surveys)	no	no
10. Which measurement method is typically used (Recommended but not required for surveys)		None
11. Were customers provided with information packets that included evaluation results and water savings recommendations?	yes	yes
12. Have the number of surveys offered and completed, survey results, and survey costs been tracked?	yes	yes
a. If yes, in what form are surveys tracked?		manual activity

b. Describe how your agency tracks this information.

Completed survey results are mailed to customers and kept on file. Survey results include watering schedules. recommendations to improve water use efficiency, and customer satisfaction survey.

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	1670	1295
2. Actual Expenditures	531	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 02: Residential Plumbing Retrofit

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? — no

   a. If YES, list local jurisdictions in your service area and code or ordinance in each:

2. Has your agency satisfied the 75% saturation requirement for single-family housing units? — no
3. Estimated percent of single-family households with low-flow showerheads: — 60%
4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? — no
5. Estimated percent of multi-family households with low-flow showerheads: — 70%
6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

B. Low-Flow Device Distribution Information

1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? — yes

   a. If YES, when did your agency begin implementing this strategy? — 5/15/1989

   b. Describe your targeting/ marketing strategy.

   The district targets homes built prior to 1992. Marketing efforts include announcements in: new resident welcome packets, message line on bill statements, and bi-monthly newsletters. Staff delivers kits to responding homes.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	113	4
3. Number of toilet-displacement devices distributed:	93	4
4. Number of toilet flappers distributed:	0	4
5. Number of faucet aerators distributed:	93	4

6. Does your agency track the distribution and cost of low-flow devices? — yes

   a. If YES, in what format are low-flow devices tracked? — Manual Activity

   b. If yes, describe your tracking and distribution system :

   Delivery of device kits is tracked manually by marking service area maps. Costs of kits are tracked through the cost accounting system.

C. Low-Flow Device Distribution Expenditures

	This Year	Next Year

1. Budgeted Expenditures	0	1500
2. Actual Expenditures	15	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Retrofit kits for 2001 came out of stored inventory. No purchases occured during period. Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Has your agency completed a pre-screening system audit for this reporting year? — no
2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:
   - a. Determine metered sales (AF)
   - b. Determine other system verifiable uses (AF)
   - c. Determine total supply into the system (AF)
   - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. — 0.00
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production? — yes
4. Did your agency complete a full-scale audit during this report year? — no
5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit? — no
6. Does your agency operate a system leak detection program? — yes
   - a. If yes, describe the leak detection program:

Leak detection methods include zone usage monitoring, zone pressure monitoring, and surface conditions. Repairs are made on an as-needed basis. The District has a five-year main line replacement program in effect. The District contracts Utility Service Association, Inc. to conduct leak surveys where suspected excessive leakage exists. When the district converts to a fully metered system, formal distribution system water audits will be conducted at least once every three years.

B. Survey Data

1. Total number of miles of distribution system line. — 204.7
2. Number of miles of distribution system line surveyed. — 4.85

C. System Audit / Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? — No
   - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Routine maintenance and repairs made on an as-needed basis are not included in the budgeted and actual expenditures.

Reported as of 8/24/05

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

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Does your agency require meters for all new connections and bill by volume-of-use?	yes
2. Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use?	yes
a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?	7/1/1995

b. Describe the program:

All new construction has been required to install meters and pay a metered rate since July 1997. 100 % of all flat rate customers are now metered. District is reading all meters and recording consumption. In 2003 metered use will show on customer bills during transition from flat rate to metered rate. Metered Billing is scheduled to begin for all customers in 2005.

3. Number of previously unmetered accounts fitted with meters during report year.	0

B. Feasibility Study

1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters?	no
a. If YES, when was the feasibility study conducted? (mm/dd/yy)	

b. Describe the feasibility study:

2. Number of CII accounts with mixed-use meters.	94
3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period.	0

C. Meter Retrofit Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

The district fully complies with this BMP.

Reported as of 8/24/05

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Water Use Budgets

1. Number of Dedicated Irrigation Meter Accounts:	199
2. Number of Dedicated Irrigation Meter Accounts with Water Budgets:	0
3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF):	0
4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF):	0
5. Does your agency provide water use notices to accounts with budgets each billing cycle?	no

B. Landscape Surveys

1. Has your agency developed a marketing / targeting strategy for landscape surveys?	yes
a. If YES, when did your agency begin implementing this strategy?	7/1/1989

b. Description of marketing / targeting strategy:

Free irrigation surveys are offered to customers with dedicated irrigation accounts and large landscapes through welcome packets to new customers, in our bi-monthly newsletter, and on billing statements.

2. Number of Surveys Offered.	1160
3. Number of Surveys Completed.	5
4. Indicate which of the following Landscape Elements are part of your survey:	
a. Irrigation System Check	yes
b. Distribution Uniformity Analysis	yes
c. Review / Develop Irrigation Schedules	yes
d. Measure Landscape Area	no
e. Measure Total Irrigable Area	no
f. Provide Customer Report / Information	yes
5. Do you track survey offers and results?	yes
6. Does your agency provide follow-up surveys for previously completed surveys?	yes

a. If YES, describe below:

The district sends letters offering follow-up surveys to all previously surveyed accounts.

C. Other BMP 5 Actions

1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program.	no

Does your agency provide mixed-use accounts with landscape budgets?

2. Number of CII mixed-use accounts with landscape budgets.	0

3. Do you offer landscape irrigation training? yes

4. Does your agency offer financial incentives to improve landscape water use efficiency? no

Type of Financial Incentive:	Budget (Dollars/ Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates			
b. Loans			
c. Grants			

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

Districts sends new resident welcome packets with water conservation brochures, information describing district water efficiency services, and free programs to customers.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

b. If yes, does it have dedicated irrigation metering? yes

7. Do you provide customer notices at the start of the irrigation season? yes

8. Do you provide customer notices at the end of the irrigation season? yes

D. Landscape Conservation Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	18200
2. Actual Expenditures	0	

E. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

F. Comments

All 199 dedicated irrigation accounts are metered and pay a metered rate. The remaining 961 accounts are a mix of flat rate and metered accounts. Conservation salaries are included in BMP 12. The district is fully complying with this BMP.

Reported as of 8/24/05

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Do any energy service providers or waste water utilities in your service area offer rebates for high-efficiency washers? — yes

   a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

   SMUD offers Sacramento County customers graduated rebates up to $125.

2. Does your agency offer rebates for high-efficiency washers? — no
3. What is the level of the rebate? — 0
4. Number of rebates awarded. — 0

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? — no

   a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

   The Sacramento Area Water Works Association elected not to continue its joint participation with SMUD in the washing machine rebate program.

D. Comments

Reported as of 8/24/05

BMP 07: Public Information Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Does your agency maintain an active public information program to promote and educate customers about water conservation? yes

a. If YES, describe the program and how it's organized.

SJWD provides public information programs through its own efforts and those of SAWWA. The public information actions include: newspaper articles on water saving techniques, extensive literature collection and video library providing landscape and water-related resources; public information booth and staff at local fairs and events and ,until September 2001, tours of the treatment plant. Staff includes a certified Master Gardener who provides customer consultation services. Other marketing actions include new resident welcome packets, annual water awareness calendar, newsletters to customers, CIMIS hotline, and discount coupons from cooperating plant nurseries.

2. Indicate which and how many of the following activities are included in your public information program.

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	yes	3
b. Public Service Announcement	yes	3
c. Bill Inserts / Newsletters / Brochures	yes	19
d. Bill showing water usage in comparison to previous year's usage	no	
e. Demonstration Gardens	yes	6
f. Special Events, Media Events	yes	5
g. Speaker's Bureau	yes	2
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

B. Conservation Information Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	2820	9615
2. Actual Expenditures	16403	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Conservation salaries are included in BMP 12. SJWD fully complies with this BMP.

Reported as of 8/24/05

BMP 08: School Education Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1.Has your agency implemented a school information program to promote water conservation? yes

2. Please provide information on your school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	3	1080	1
Grades 4th-6th	yes	3	1080	1
Grades 7th-8th	yes	1	257	2
High School	no	0	0	0

3. Did your Agency's materials meet state education framework requirements? yes

4. When did your Agency begin implementing this program? 7/1/1989

B. School Education Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	10510	7185
2. Actual Expenditures	5459	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

SJWD maintains an excellent relationship with elementary and junior high schools in our service area. The district participates with other water agencies in a poster contest each year and invites students from grades 4-6 to visually share their thoughts about the importance of water efficiency. 12 winning posters are selected from among hundreds and these are featured in a water awareness calendar that is distributed to schools and customers. Each year the district also judges science projects that feature a water theme at the Cavitt Junior High science fair. Winning students from both the poster contest and science fair are presented with a savings bond and their teachers receive a cash reward for purchases in their classroom. SJWD offers the Water Bucks program as incentive to involve school kids and teachers in monitoring school water use. Costs for the Water Bucks program are included under BMP 9. Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Has your agency identified and ranked COMMERCIAL customers according to use?	yes
2. Has your agency identified and ranked INDUSTRIAL customers according to use?	yes
3. Has your agency identified and ranked INSTITUTIONAL customers according to use?	yes

Option A: CII Water Use Survey and Customer Incentives Program

4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option?	yes

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	191	0	12
b. Number of New Surveys Completed	1	0	4
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	4
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	4

CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	yes	no	yes
f. Evaluation of all water-using apparatus and processes	no	no	no
g. Customer report identifying recommended efficiency measures, paybacks and agency incentives	yes	no	yes

Agency CII Customer Incentives	Budget ($/Year)	No. Awarded to Customers	Total $ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	20000	0	16756

Option B: CII Conservation Program Targets

5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this option?	no
6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings?	no
7. Estimated annual savings (AF/yr) from site-verified actions taken by agency since 1991.	0
8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.	0

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	22000	22000
2. Actual Expenditures	17597	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

SJWD "Water Bucks" program targets schools as the largest commercial/institutional water user. The program instructs students and teachers how to conduct site audits, report findings to the principal, and check for achieved maintenance. The schools are rewarded with funds for physical plant and education betterment. Conservation salaries are included in BMP 12.

Reported as of 8/24/05

BMP 09a: CII ULFT Water Savings

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

1. Did your agency implement a CII ULFT replacement program in the reporting year? If No, please explain why on Line B. 10. — Yes

A. Targeting and Marketing

1. What basis does your agency use to target customers for participation in this program? Check all that apply. — Oldest meter

   a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

   All CII sites are targeted through methods noted below.

2. How does your agency advertise this program? Check all that apply. — Bill insert, Bill message, Newsletter, Web page

   a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

   We found bill inserts to be an effective method of advertising in earlier years.

B. Implementation

1. Does your agency keep and maintain customer participant information? (Read the Help information for a complete list of all the information for this BMP.) — Yes
2. Would your agency be willing to share this information if the CUWCC did a study to evaluate the program on behalf of your agency? — Yes
3. What is the total number of customer accounts participating in the program during the last year ? — 184

CII Subsector	Number of Toilets Replaced			
4.	Standard Gravity Tank	Air Assisted	Valve Floor Mount	Valve Wall Mount
a. Offices	0	0	0	0
b. Retail / Wholesale	0	0	0	0
c. Hotels	0	0	0	0
d. Health	0	0	0	0
e. Industrial	0	0	0	0
f. Schools: K to 12	0	0	0	0
g. Eating	0	0	0	0
h. Govern-ment	0	0	0	0

i. Churches	0	0	0	0
j. Other	0	0	0	0

5. Program design. Rebate or voucher

6. Does your agency use outside services to implement this program? No

a. If yes, check all that apply.

7. Participant tracking and follow-up. Site Visit

8. Based on your program experience, please rank on a scale of 1 to 5, with 1 being the least frequent cause and 5 being the most frequent cause, the following reasons why customers refused to participate in the program.

a. Disruption to business	1
b. Inadequate payback	1
c. Inadequate ULFT performance	1
d. Lack of funding	1
e. American's with Disabilities Act	5
f. Permitting	1
g. Other. Please describe in B. 9.	3

9. Please describe general program acceptance/resistance by customers, obstacles to implementation, and other isues affecting program implementation or effectiveness.

Response has severely declined in recent years. Most of the CII sites in our service area have been constructed since 1992 and already meet ULFT requirements. Many toilets in establishments constructed before 1992 were replaced in prior years.

10. Please provide a general assessment of the program for this reporting year. Did your program achieve its objectives? Were your targeting and marketing approaches effective? Were program costs in line with expectations and budgeting?

Achievements were below targets and expectations have been declining for several years.

C. Conservation Program Expenditures for CII ULFT

1. CII ULFT Program: Annual Budget & Expenditure Data

	Budgeted	Actual Expenditure
a. Labor	0	0
b. Materials	0	0
c. Marketing & Advertising	0	0
d. Administration & Overhead	0	0
e. Outside Services	0	0
f. Total	0	0

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency	0

contribution	
b. State agency contribution	0
c. Federal agency contribution	0
d. Other contribution	0
e. Total	0

D. Comments

Program costs are included in BMP 14.

Reported as of 8/24/05

BMP 11: Conservation Pricing

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

Rate Structure Data Volumetric Rates for Water Service by Customer Class

1. Residential	
a. Water Rate Structure	Increasing Block
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$439091
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$3263072
2. Commercial	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$466564
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$23153
3. Industrial	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
4. Institutional / Government	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
5. Irrigation	
a. Water Rate Structure	Uniform
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0
6. Other	
a. Water Rate Structure	Uniform

b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	$0

B. Conservation Pricing Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

All commercial/institutional/dedicated irrigation/other accounts are metered and on a uniform volumetric rate. Revenue for all is combined under Commercial. San Juan WD has completed installation of water meters for all residential customers and is reading the meters and monitoring the volume of water used. All new construction since July 1997 is required to pay a metered rate. All other customers paying a flat rate may voluntarily elect to be billed on a metered basis. All customers will be transitioned to metered billing in 2005. Conservation pricing (increasing block) for residential customers was established in 2000 and implemented in 2001.

Reported as of 8/24/05

BMP 12: Conservation Coordinator

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

1. Does your Agency have a conservation coordinator?	yes
2. Is this a full-time position?	no
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ?	no
4. Partner agency's name:	NA
5. If your agency supplies the conservation coordinator:	
a. What percent is this conservation coordinator's position?	30%
b. Coordinator's Name	Judy Gagnier
c. Coordinator's Title	Customer Service & Conservation Manager
d. Coordinator's Experience and Number of Years	4 years managing Conservation department
e. Date Coordinator's position was created (mm/dd/yyyy)	2/1/1991
6. Number of conservation staff, including Conservation Coordinator.	4

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	166444	192545
2. Actual Expenditures	154170	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Expenditures include 30% of Conservation Coordinator's salary plus 100% of Conservation staff salary.

Reported as of 8/24/05

BMP 13: Water Waste Prohibition

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Requirements for Documenting BMP Implementation

1. Is a water waste prohibition ordinance in effect in your service area? — yes

   a. If YES, describe the ordinance:

   San Juan Water District Code of Ordinances #95-1

2. Is a copy of the most current ordinance(s) on file with CUWCC? — yes

   a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box:

San Juan Water District	Ordinances #95-1, Section 24, Section 39 and Appendix C

B. Implementation

1. Indicate which of the water uses listed below are prohibited by your agency or service area.

a. Gutter flooding	yes
b. Single-pass cooling systems for new connections	no
c. Non-recirculating systems in all new conveyor or car wash systems	no
d. Non-recirculating systems in all new commercial laundry systems	no
e. Non-recirculating systems in all new decorative fountains	yes
f. Other, please name Water shall be used for beneficial uses only; all unnecessary and wasteful uses of water are prohibited.	yes

2. Describe measures that prohibit water uses listed above:

   Appendix C Water Conservation measures Stage Definitions

Water Softeners:

3. Indicate which of the following measures your agency has supported in developing state law:

a. Allow the sale of more efficient, demand-initiated regenerating DIR models.	no
b. Develop minimum appliance efficiency standards that:	
i.) Increase the regeneration efficiency standard to at least 3,350 grains of hardness removed per pound of common salt used.	no
ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced.	no
c. Allow local agencies, including municipalities and special districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply.	no

4. Does your agency include water softener checks in home water audit programs? — no

5. Does your agency include information about DIR and exchange-

type water softeners in educational efforts to encourage replacement of less efficient timer models? no

C. Water Waste Prohibition Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? yes

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

District conservation staff respond to all water waste complaints and requests for assistance from customers. They show customers how they can improve water efficiency and repair leaks. In some cases, staff repairs minor leaks for the customer. This no cost service is included in the conservation salary budget. Conservation salaries are included in BMP 12.

E. Comments

Reported as of 8/24/05

BMP 14: Residential ULFT Replacement Programs

Reporting Unit:	BMP Form Status:	Year:
San Juan Water District - Retail	**100% Complete**	**2001**

A. Implementation

	Single-Family Accounts	Multi-Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes

Number of Toilets Replaced by Agency Program During Report Year

Replacement Method	SF Accounts	MF Units
2. Rebate	54	0
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
Total	**54**	**0**

6. Describe your agency's ULFT program for single-family residences.

SJWD advertises the toilet replacement program in its newsletter and welcome packs to new residents. Customers may receive a rebate of up to $75 per toilet to replace existing 3.5 gallons per flush (gpf) or higher toilets with 1.6 gpf. SJWD collects the old toilet for disposal, thus providing 100% verification of installations.

7. Describe your agency's ULFT program for multi-family residences.

The up to $75 rebate per toilet program is offered to both single family and multi-family residences.

8. Is a toilet retrofit on resale ordinance in effect for your service area? no

9. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

NA	NA

B. Residential ULFT Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	7530	3780
2. Actual Expenditures	4333	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Conservation salaries are included in BMP 12. SJWD is fully complying with this BMP.