

# BMP-Based Method 4 GPCD Target Calculator

## Color Key

User Input
Model Assumption
Model Calculation

**Water Supplier:**

City of Folsom

**Hydrologic Region:**

Sac River

**Mid Point of Base Period**

2005 <<Assume 2005

**Baseline Population**

66,242 <<From DOF E-5

**Baseline Gross Water Use (AF)**

24,023 <<From BMP dat

**Baseline Water Use (GPCD):**

323.8 <<Calculated

**BMP Savings (GPCD):**

BMP 1.2 Water Loss Control

-40.7 [Calculator](#)

BMP 1.3 Metering

-34.0 [Calculator](#)

BMP 3.1 Residential Assistance

-0.2 [Calculator](#)

BMP 3.2 Residential Landscape

-1.4 [Calculator](#)

BMP 4 CII

-9.0 [Calculator](#)

BMP 5.2 Landscape Budgets

0.0 [Calculator](#)

**Subtotal BMP Savings**

**-85.4**

Go To

**GPCD Adjustment**

-1.0 <<Adjustment ne

**Total Savings (GPCD):**

-98.2

**Total Savings (% of Baseline):**

-30.3%

**BMP-Based Target (GPCD):**

**225.5**

## Comparison to Methods 1 ar

	Target	% Savings	
BMP-Based Target:	225.5	-30.3%	
Method 1	259.0	-20.0%	BM
Method 3	167.2	-48.4%	BM



## Regional Targets from 20x2020 Report

HR	2020 Target
North Coast	137
SF Bay	131
Cent Coast	123
South Coast	149
Sac River	176
SJ River	174
Tulare Lake	188
N. Lahontan	173
S. Lahontan	170
CO River	211

*\_2010.xls reports*

*tabase Water Supply & Reuse form (excluding recycled water use)*

**Plumbing Device Saturation Savings (GPCD):**

		Go To
Single Family Toilets	-3.1	<a href="#">Calculator</a>
Multi Family Toilets	-0.8	<a href="#">Calculator</a>
Residential Washers	-5.6	<a href="#">Calculator</a>
Residential Showerheads	-0.2	<a href="#">Calculator</a>
CII Toilets	-1.9	<a href="#">Calculator</a>
CII Urinals	-0.4	<a href="#">Calculator</a>
<b>Subtotal Plumb. Device Savings</b>	<b>-11.9</b>	

*needed to achieve statewide 20% reduction.*

**Method 3 Targets**

*Method 1-based target is 33.5 gpcd less than Method 1 target.*

*Method 3-based target is 58.3 gpcd greater than Method 3 target.*