

Water Conservation Goal Setting for Urban Water Management Plan

Cambria Community Services District

August 25, 2011

Agenda Item 9.B

Outline

- Background Information on UWMP Water Conservation Goal Setting Requirement
- Preliminary Water Conservation Goal
- Next Steps
- Q & A

Background

- Urban Water Management Planning Act
 - Effective January 1, 1984
 - State Water Code Sections 10610 thru 106565
 - Updates Every Five Years (00 & 05 years)
 - Required if more than 3,000 customers
- Previously a Voluntary Measure
- DWR Approval Linked to State Grant Funding
- Last CCSD Update - December 2005
- 2010 Update Requires Water Conservation Goal Setting

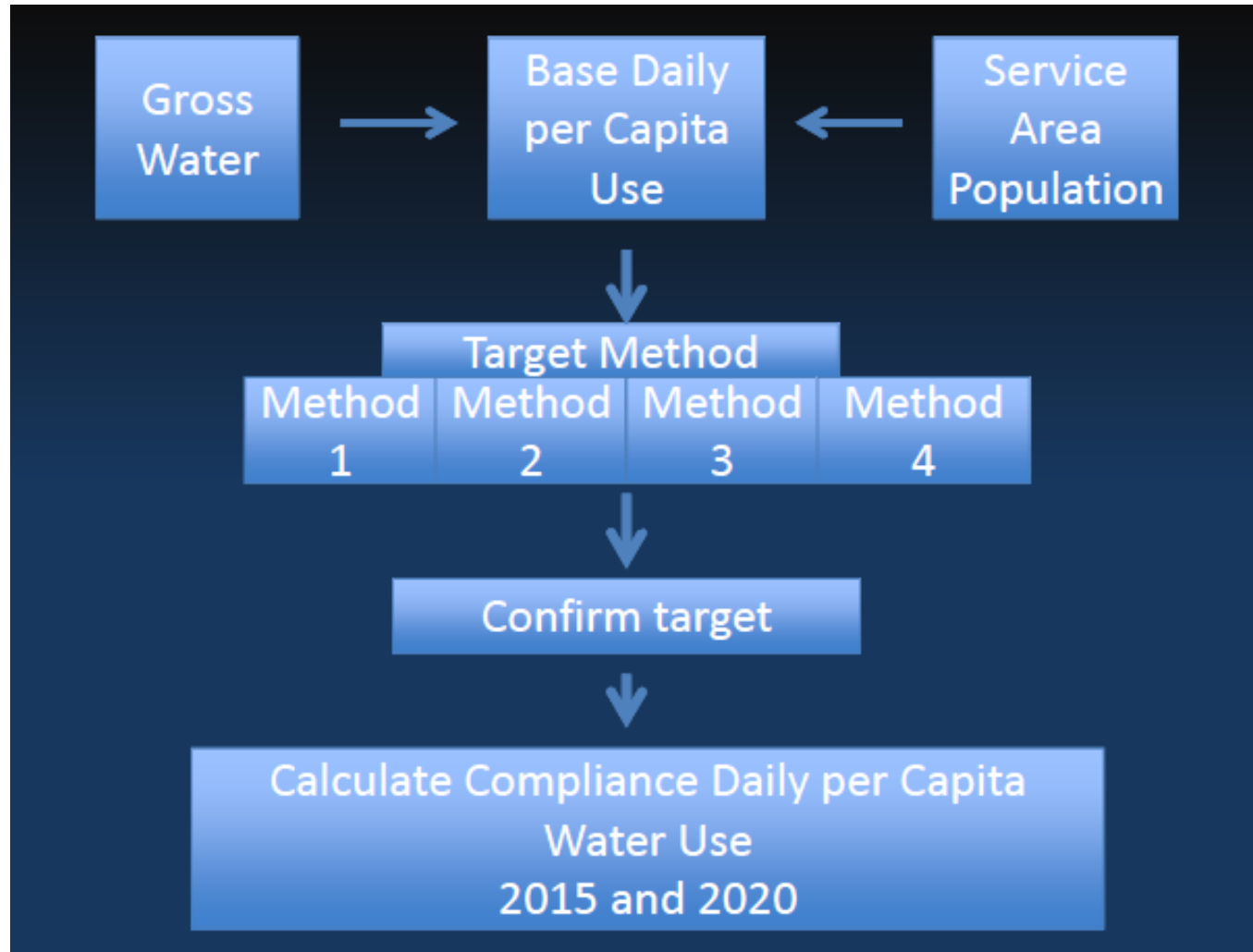
SB x7-7 Requirement

- Adopted 2009
- Statewide reduction in per capita water use:
 - 15% by 2015
 - 20% by 2020
 - All suppliers required to increase water use efficiency
 - Water Reduction Goal Set Through Public Hearing Process
- Since passage, DWR has developed methodologies for determining water conservation goal

Target Methodologies

1. 80% of baseline daily per capita water use
(gallons per capita per day, or gpcd)
2. Performance standard – Indoor 55 gpcd,
outdoor use per Model landscape ordinance,
and 10% reduction in
Commercial/Industrial/Institutional use
3. 95% of State Hydrological Region target
4. Baseline less detailed projections of savings

DWR Water Conservation Goal Setting Procedure



Base Daily Per Capita Water Use



Hydrologic Regions in State



Central Coast 2020 target => 123 gpcd

DWR 10-year Base Periods

10-year Base Periods

1995

2004

2001

2010

***Suppliers who met more than 10% of their retail demand with recycled water can use a 15-year base period ending no earlier than Dec 31, 2004**

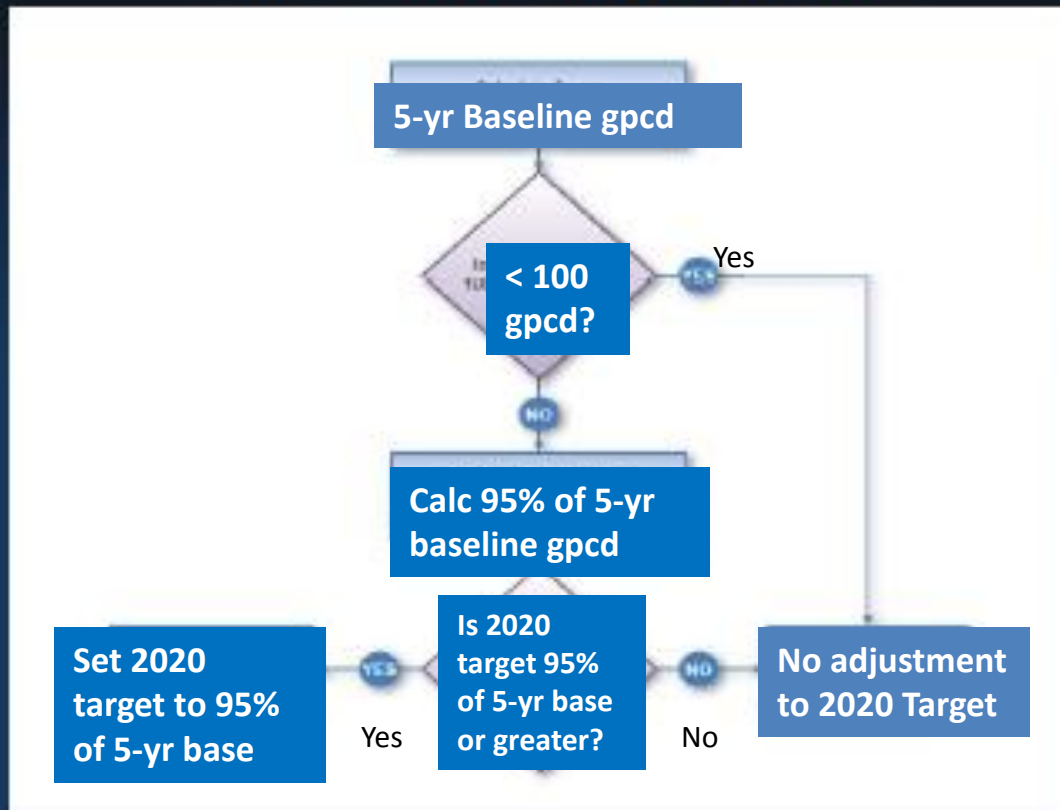
CCSD 10-year base gpcd values

Start	End	GPCD
1994	2004	112.0
1995	2005	112.3
1996	2006	112.4
1997	2007	111.6
1998	2008	111.6
1999	2009	110.6
2000	2010	109.6

Already less than regional goal of 123 gpcd

“Gotcha Moment” I.e., The 5% Reduction Check

Check for 5% reduction



Next Steps

- September 22, 2011 – Public hearing on conservation goal setting portion of the update plan
- October 27, 2011 Board meeting – present entire UWMP & start public review period on full plan
- November 17, 2011 – consider any public testimony, followed by recommendations to formally adopt the updated plan