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SB X7-7 BASELINES, TARGETS, AND 2020 COMPLIANCE

5.1 WATER CONSERVATION BILL OF 2009 - BASELINES AND TARGETS

Urban Water Management Planning Act Requirement:

10608.20(e) An urban retail water supplier shall include in its urban water management plan ... due in 2010 the baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.

In order to improve the Sacramento-San Joaquin Delta, in 2008 Governor Schwarzenegger directed State water agencies to develop a plan to achieve a twenty percent per capita water use reduction by the year 2020. The Water Conservation Act of 2009 (Senate Bill X7-7), passed in November 2009, provided the legislative framework to implement the conservation goals, and required retail water suppliers to detail their strategy for achieving the reduction requirement in their 2010 Urban Water Management Plan Updates. The [Urban Water Management Planning Act](#) and [SBx7-7](#) information can be found using the links provided.

Explicit methodologies were developed by DWR to assist retail water suppliers in complying with the Water Conservation Act of 2009, and they are detailed in the technical document, [Methodologies for Calculating Baseline and Compliance Urban Per Capita Water Use](#), DWR, February 2016. The Triunfo Water & Sanitation District (District) utilized the DWR methods when determining its baseline, interim, and water use target values (20x2020 targets), the steps of which are described in detail in the *Methodologies* document. A summary of the calculations is provided in DWR's SB X7-7 Verification Form, Appendix D.

Water suppliers are given the option of determining their 20x2020 target values either individually, or through a regional alliance. The District elected not to join a regional alliance, and has determined its baseline and target values individually.

For the 2020 UWMP Update, DWR determined that significant discrepancies existed between the Department of Finance (DOF) projected populations for 2010 (based on 2000 U.S. Census data) and actual populations for 2010, based on 2010 U.S. Census data (released in 2012). Therefore,

the District recalculated its baseline population numbers for years 1997 to 2006 during the 2015 UWMP Update using 2000 and 2010 Census data in conjunction with 2011 Ventura County population/dwelling unit data. A summary of the revised baselines and targets is provided in Table 5.1.1. Table 5.1.2 demonstrates 2020 compliance and achievement of the target reduction.

Table 5.1.1 Baselines and Targets Summary				
Baseline Period	Start Year	End Year	Average Baseline GPCD*	Confirmed 2020 Target*
10-15 year	1997	2006	229	183
5 Year	2003	2007	233	

Note: All Values are in Gallons Per Capita per Day (GPCD)
 Note: Coordinates with WUE Table 5-1 R

Table 5.1.2 2020 Compliance				
Optional Adjustments to 2015 GPCD			2020 Confirmed Target GPCD	Did Supplier Achieve Targeted Reduction for 2020? Y/N
Actual 2020 GPCD	2020 Total Adjustments	Adjusted 2020 GPCD (Adjusted if applicable)		
158	0	158	183	Yes

Note: All Values are in Gallon per Capita per Day (GPCD)
 Note: Coordinates with WUE Table 5-2 R