

**Water Conservation Act of 2009  
SB X7-7  
Verification Forms**

**Westlake District**

**2015 Urban Water Management Plan  
Appendix I**



Westlake District SB X7-7 Verification Form Tables

<b>SB X7-7 Table-1: Baseline Period Ranges</b>			
<b>Baseline</b>	<b>Parameter</b>	<b>Value</b>	<b>Units</b>
10- to 15-year baseline period	2008 total water deliveries	10,184	Acre Feet
	2008 total volume of delivered recycled water	582	Acre Feet
	2008 recycled water as a percent of total deliveries	5.72%	Percent
	Number of years in baseline period <sup>1,2</sup>	10	Years
	Year beginning baseline period range	1999	
	Year ending baseline period range <sup>3</sup>	2008	
5-year baseline period	Number of years in baseline period	5	Years
	Year beginning baseline period range	2004	
	Year ending baseline period range <sup>4</sup>	2008	
<p><sup>1</sup> If the 2008 recycled water percent is less than 10 percent, then the first baseline period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first baseline period is a continuous 10- to 15-year period. <sup>2</sup> The Water Code requires that the baseline period is between 10 and 15 years. However, DWR recognizes that some water suppliers may not have the minimum 10 years of baseline data.</p>			
<p><sup>3</sup> The ending year must be between December 31, 2004 and December 31, 2010.</p>			
<p><sup>4</sup> The ending year must be between December 31, 2007 and December 31, 2010.</p>			

<b>SB X7-7 Table 2: Method for Population Estimates</b>	
<b>Method Used to Determine Population</b> (may check more than one)	
<input type="checkbox"/>	<b>1. Department of Finance (DOF)</b> DOF Table E-8 (1990 - 2000) and (2000-2010) and DOF Table E-5 (2011 - 2015) when available
<input type="checkbox"/>	<b>2. Persons-per-Connection Method</b>
<input type="checkbox"/>	<b>3. DWR Population Tool</b>
<input checked="" type="checkbox"/>	<b>4. Other</b> DWR recommends pre-review
<p>NOTES: Cal Water uses a population estimation methodology based on overlaying Census Block data from the 2000 and 2010 Censuses with the District's service area. LandView 5 and MARPLOT software are used with these data to estimate population per dwelling unit for 2000 and 2010. The per dwelling unit population estimates are then combined with Cal Water data on number of dwelling units served to estimate service area population for non-Census years. Cal Water also estimated service area population using DWR's Population Tool. The estimates prepared using Cal Water's methodology and DWR's Population Tool differed by about percent. Cal Water is electing to use the population estimates produced by its methodology in order to maintain consistency with population projections it has prepared in other planning documents and reports.</p>	

Westlake District SB X7-7 Verification Form Tables

<b>SB X7-7 Table 3: Service Area Population</b>		
<b>Year</b>	<b>Population</b>	
<b>10 to 15 Year Baseline Population</b>		
Year 1	1999	16,872
Year 2	2000	16,717
Year 3	2001	16,899
Year 4	2002	17,195
Year 5	2003	17,322
Year 6	2004	17,790
Year 7	2005	18,096
Year 8	2006	18,387
Year 9	2007	18,651
Year 10	2008	18,892
<i>Year 11</i>		
<i>Year 12</i>		
<i>Year 13</i>		
<i>Year 14</i>		
<i>Year 15</i>		
<b>5 Year Baseline Population</b>		
Year 1	2004	17,790
Year 2	2005	18,096
Year 3	2006	18,387
Year 4	2007	18,651
Year 5	2008	18,892
<b>2015 Compliance Year Population</b>		
	<b>2015</b>	<b>19,458</b>

<b>SB X7-7 Table 4: Annual Gross Water Use *</b>								
<b>Baseline Year</b> <i>Fm SB X7-7 Table 3</i>	<b>Volume Into Distribution System</b> <i>This column will remain blank until SB X7-7 Table 4-A is completed.</i>	<b>Deductions</b>					<b>Annual Gross Water Use</b>	
		<b>Exported Water</b>	<b>Change in Dist. System Storage (+/-)</b>	<b>Indirect Recycled Water</b> <i>This column will remain blank until SB X7-7 Table 4-B is completed.</i>	<b>Water Delivered for Agricultural Use</b>	<b>Process Water</b> <i>This column will remain blank until SB X7-7 Table 4-D is completed.</i>		
<b>10 to 15 Year Baseline - Gross Water Use</b>								
Year 1	1999	9,146			-		-	9,146
Year 2	2000	9,170			-		-	9,170
Year 3	2001	8,459			-		-	8,459
Year 4	2002	9,248			-		-	9,248
Year 5	2003	8,782			-		-	8,782
Year 6	2004	9,509			-		-	9,509
Year 7	2005	8,920			-		-	8,920
Year 8	2006	9,329			-		-	9,329
Year 9	2007	10,223			-		-	10,223
Year 10	2008	9,602			-		-	9,602
Year 11	0	-			-		-	-
Year 12	0	-			-		-	-
Year 13	0	-			-		-	-
Year 14	0	-			-		-	-
Year 15	0	-			-		-	-
<b>10 - 15 year baseline average gross water use</b>								<b>9,239</b>
<b>5 Year Baseline - Gross Water Use</b>								
Year 1	2004	9,509			-		-	9,509
Year 2	2005	8,920			-		-	8,920
Year 3	2006	9,329			-		-	9,329
Year 4	2007	10,223			-		-	10,223
Year 5	2008	9,602			-		-	9,602
<b>5 year baseline average gross water use</b>								<b>9,517</b>
<b>2015 Compliance Year - Gross Water Use</b>								
<b>2015</b>		6,295	-		-		-	<b>6,295</b>
* NOTE that the units of measure must remain consistent throughout the UWMP, as reported in Table 2-3								

<b>SB X7-7 Table 4-A: Volume Entering the Distribution System(s)</b>				
Complete one table for each source.				
<b>Name of Source</b>		Calleguas Municipal Water District		
<b>This water source is:</b>				
<input type="checkbox"/>	The supplier's own water source			
<input checked="" type="checkbox"/>	A purchased or imported source			
<b>Baseline Year</b> <i>Fm SB X7-7 Table 3</i>	Volume Entering Distribution System	Meter Error Adjustment* <i>Optional (+/-)</i>	Corrected Volume Entering Distribution System	
<b>10 to 15 Year Baseline - Water into Distribution System</b>				
Year 1	1999	9,146		9,146
Year 2	2000	9,170		9,170
Year 3	2001	8,459		8,459
Year 4	2002	9,248		9,248
Year 5	2003	8,782		8,782
Year 6	2004	9,509		9,509
Year 7	2005	8,920		8,920
Year 8	2006	9,329		9,329
Year 9	2007	10,223		10,223
Year 10	2008	9,602		9,602
Year 11	0			-
Year 12	0			-
Year 13	0			-
Year 14	0			-
Year 15	0			-
<b>5 Year Baseline - Water into Distribution System</b>				
Year 1	2004	9,509		9,509
Year 2	2005	8,920		8,920
Year 3	2006	9,329		9,329
Year 4	2007	10,223		10,223
Year 5	2008	9,602		9,602
<b>2015 Compliance Year - Water into Distribution System</b>				
	<b>2015</b>	6,295		6,295
<i>* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document</i>				

Westlake District SB X7-7 Verification Form Tables

<b>SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)</b>				
<b>Baseline Year</b> <i>Fm SB X7-7 Table 3</i>	<b>Service Area Population</b> <i>Fm SB X7-7 Table 3</i>	<b>Annual Gross Water Use</b> <i>Fm SB X7-7 Table 4</i>	<b>Daily Per Capita Water Use (GPCD)</b>	
<b>10 to 15 Year Baseline GPCD</b>				
Year 1	1999	16,872	9,146	484
Year 2	2000	16,717	9,170	490
Year 3	2001	16,899	8,459	447
Year 4	2002	17,195	9,248	480
Year 5	2003	17,322	8,782	453
Year 6	2004	17,790	9,509	477
Year 7	2005	18,096	8,920	440
Year 8	2006	18,387	9,329	453
Year 9	2007	18,651	10,223	489
Year 10	2008	18,892	9,602	454
<i>Year 11</i>	0	-	-	
<i>Year 12</i>	0	-	-	
<i>Year 13</i>	0	-	-	
<i>Year 14</i>	0	-	-	
<i>Year 15</i>	0	-	-	
<b>10-15 Year Average Baseline GPCD</b>				<b>467</b>
<b>5 Year Baseline GPCD</b>				
<b>Baseline Year</b> <i>Fm SB X7-7 Table 3</i>	<b>Service Area Population</b> <i>Fm SB X7-7 Table 3</i>	<b>Gross Water Use</b> <i>Fm SB X7-7 Table 4</i>	<b>Daily Per Capita Water Use</b>	
Year 1	2004	17,790	9,509	477
Year 2	2005	18,096	8,920	440
Year 3	2006	18,387	9,329	453
Year 4	2007	18,651	10,223	489
Year 5	2008	18,892	9,602	454
<b>5 Year Average Baseline GPCD</b>				<b>463</b>
<b>2015 Compliance Year GPCD</b>				
<b>2015</b>	19,458	6,295	<b>289</b>	

Westlake District SB X7-7 Verification Form Tables

**SB X7-7 Table 6:** Gallons per Capita per Day  
*Summary From Table SB X7-7 Table 5*

10-15 Year Baseline GPCD	467
5 Year Baseline GPCD	463
2015 Compliance Year GPCD	289



SB X7-7 Table 7: 2020 Target Method		
<i>Select Only One</i>		
Target Method		Supporting Documentation
<input checked="" type="checkbox"/>	Method 1	SB X7-7 Table 7A
<input type="checkbox"/>	Method 2	SB X7-7 Tables 7B, 7C, and 7D <i>Contact DWR for these tables</i>
<input type="checkbox"/>	Method 3	SB X7-7 Table 7-E
<input type="checkbox"/>	Method 4	Method 4 Calculator

<b>SB X7-7 Table 7-A: Target Method 1</b>	
20% Reduction	
10-15 Year Baseline GPCD	<b>2020 Target GPCD</b>
467	<b>373</b>

Westlake District SB X7-7 Verification Form Tables

<b>SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target</b>			
5 Year Baseline GPCD From SB X7-7 Table 5	Maximum 2020 Target <sup>1</sup>	Calculated 2020 Target <sup>2</sup>	<b>Confirmed 2020 Target</b>
463	440	373	<b>373</b>
<p><sup>1</sup> Maximum 2020 Target is 95% of the 5 Year Baseline GPCD      <sup>2</sup> 2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.</p>			

Westlake District SB X7-7 Verification Form Tables

<b>SB X7-7 Table 8: 2015 Interim Target GPCD</b>		
Confirmed 2020 Target <i>Fm SB X7-7 Table 7-F</i>	10-15 year Baseline GPCD <i>Fm SB X7-7 Table 5</i>	<b>2015 Interim Target GPCD</b>
373	467	<b>420</b>

Westlake District SB X7-7 Verification Form Tables

SB X7-7 Table 9: 2015 Compliance								
Actual 2015 GPCD	2015 Interim Target GPCD	Optional Adjustments (in GPCD)					2015 GPCD (Adjusted if applicable)	Did Supplier Achieve Targeted Reduction for 2015?
		Enter "0" if Adjustment Not Used			TOTAL Adjustments	Adjusted 2015 GPCD		
		Extraordinary Events	Weather Normalization	Economic Adjustment				
289	420	-	-	-	-	289	289	YES