

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

Los Altos Suburban District

**2015 Urban Water Management Plan
Appendix I**



SB X7-7 Table-1: Baseline Period Ranges			
Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	15,490	Acre Feet
	2008 total volume of delivered recycled water	-	Acre Feet
	2008 recycled water as a percent of total deliveries	0.00%	Percent
	Number of years in baseline period ^{1, 2}	10	Years
	Year beginning baseline period range	1996	
	Year ending baseline period range ³	2005	
5-year baseline period	Number of years in baseline period	5	Years
	Year beginning baseline period range	2003	
	Year ending baseline period range ⁴	2007	
¹ 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. ² 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.			
³ The ending year must be between December 31, 2004 and December 31, 2010.			
⁴ The ending year must be between December 31, 2007 and December 31, 2010.			

SB X7-7 Table 2: Method for Population Estimates	
Method Used to Determine Population (may check more than one)	
☐	1. Department of Finance (DOF) DOF Table E-8 (1990 - 2000) and (2000-2010) and DOF Table E-5 (2011 - 2015) when available
☐	2. Persons-per-Connection Method
☐	3. DWR Population Tool
☒	4. Other DWR recommends pre-review

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 less than one 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.

SB X7-7 Table 3: Service Area Population		
Year		Population
10 to 15 Year Baseline Population		
Year 1	1996	53,094
Year 2	1997	53,481
Year 3	1998	54,755
Year 4	1999	55,092
Year 5	2000	55,177
Year 6	2001	56,245
Year 7	2002	57,256
Year 8	2003	57,644
Year 9	2004	59,362
Year 10	2005	60,450
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1	2003	57,644
Year 2	2004	59,362
Year 3	2005	60,450
Year 4	2006	61,529
Year 5	2007	62,565
2015 Compliance Year Population		
2015		68,604

SB X7-7 Table 4: Annual Gross Water Use *

Baseline Year <i>Fm SB X7-7 Table 3</i>		Volume Into Distribution System <i>This column will remain blank until SB X7-7 Table 4-A is completed.</i>	Deductions					Annual Gross Water Use
			Exported Water	Change in Dist. System Storage (+/-)	Indirect Recycled Water <i>This column will remain blank until SB X7-7 Table 4-B is completed.</i>	Water Delivered for Agricultural Use	Process Water <i>This column will remain blank until SB X7-7 Table 4-D is completed.</i>	
10 to 15 Year Baseline - Gross Water Use								
Year 1	1996	13,319			-		-	13,319
Year 2	1997	14,479			-		-	14,479
Year 3	1998	13,110			-		-	13,110
Year 4	1999	14,278			-		-	14,278
Year 5	2000	15,111			-		-	15,111
Year 6	2001	15,196			-		-	15,196
Year 7	2002	15,104			-		-	15,104
Year 8	2003	14,738			-		-	14,738
Year 9	2004	15,898			-		-	15,898
Year 10	2005	14,758			-		-	14,758
<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	-			-		-	-
10 - 15 year baseline average gross water use								14,599
5 Year Baseline - Gross Water Use								
Year 1	2003	14,738			-		-	14,738
Year 2	2004	15,898			-		-	15,898
Year 3	2005	14,758			-		-	14,758
Year 4	2006	14,518			-		-	14,518
Year 5	2007	15,451			-		-	15,451
5 year baseline average gross water use								15,073
2015 Compliance Year - Gross Water Use								
2015		10,188	-		-		-	10,188
* NOTE that the units of measure must remain consistent throughout the UWMP, as reported in Table 2-3								

SB X7-7 Table 4-A: Volume Entering the Distribution System(s)				
Complete one table for each source.				
Name of Source		Wells		
This water source is:				
☒	The supplier's own water source			
☐	A purchased or imported source			
Baseline Year <i>Fm SB X7-7 Table 3</i>	Volume Entering Distribution System	Meter Error Adjustment* <i>Optional (+/-)</i>	Corrected Volume Entering Distribution System	
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1996	2,743		2,743
Year 2	1997	3,966		3,966
Year 3	1998	2,935		2,935
Year 4	1999	3,860		3,860
Year 5	2000	3,908		3,908
Year 6	2001	3,898		3,898
Year 7	2002	3,827		3,827
Year 8	2003	4,433		4,433
Year 9	2004	6,409		6,409
Year 10	2005	5,165		5,165
Year 11	0			-
Year 12	0			-
Year 13	0			-
Year 14	0			-
Year 15	0			-
5 Year Baseline - Water into Distribution System				
Year 1	2003	4,433		4,433
Year 2	2004	6,409		6,409
Year 3	2005	5,165		5,165
Year 4	2006	4,434		4,434
Year 5	2007	4,325		4,325
2015 Compliance Year - Water into Distribution System				
2015	3,341			3,341
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES:				

SB X7-7 Table 4-A: Volume Entering the Distribution				
Name of Source		SCVWD		
This water source is:				
☐	The supplier's own water source			
☒	A purchased or imported source			
Baseline Year <i>Fm SB X7-7 Table 3</i>	Volume Entering Distribution System	Meter Error Adjustment* <i>Optional</i> (+/-)	Corrected Volume Entering Distribution System	
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1,996	10575.6532		10,576
Year 2	1,997	10513.3395		10,513
Year 3	1,998	10175.4923		10,175
Year 4	1,999	10418.0415		10,418
Year 5	2,000	11202.8039		11,203
Year 6	2,001	11297.6232		11,298
Year 7	2,002	11276.6382		11,277
Year 8	2,003	10305.2017		10,305
Year 9	2,004	9489.14889		9,489
Year 10	2,005	9593.00296		9,593
Year 11	-			0
Year 12	-			0
Year 13	-			0
Year 14	-			0
Year 15	-			0
5 Year Baseline - Water into Distribution System				
Year 1	2,003	10305.2017		10,305
Year 2	2,004	9489.14889		9,489
Year 3	2,005	9593.00296		9,593
Year 4	2,006	10083.9659		10,084
Year 5	2,007	11125.7658		11,126
2015 Compliance Year - Water into Distribution System				
2015	6,848			6,848
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				

SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)				
Baseline Year <i>Fm SB X7-7 Table 3</i>		Service Area Population <i>Fm SB X7-7 Table 3</i>	Annual Gross Water Use <i>Fm SB X7-7 Table 4</i>	Daily Per Capita Water Use (GPCD)
10 to 15 Year Baseline GPCD				
Year 1	1996	53,094	13,319	224
Year 2	1997	53,481	14,479	242
Year 3	1998	54,755	13,110	214
Year 4	1999	55,092	14,278	231
Year 5	2000	55,177	15,111	244
Year 6	2001	56,245	15,196	241
Year 7	2002	57,256	15,104	235
Year 8	2003	57,644	14,738	228
Year 9	2004	59,362	15,898	239
Year 10	2005	60,450	14,758	218
Year 11	0	-	-	
Year 12	0	-	-	
Year 13	0	-	-	
Year 14	0	-	-	
Year 15	0	-	-	
10-15 Year Average Baseline GPCD				232
5 Year Baseline GPCD				
Baseline Year <i>Fm SB X7-7 Table 3</i>		Service Area Population <i>Fm SB X7-7 Table 3</i>	Gross Water Use <i>Fm SB X7-7 Table 4</i>	Daily Per Capita Water Use
Year 1	2003	57,644	14,738	228
Year 2	2004	59,362	15,898	239
Year 3	2005	60,450	14,758	218
Year 4	2006	61,529	14,518	211
Year 5	2007	62,565	15,451	220
5 Year Average Baseline GPCD				223
2015 Compliance Year GPCD				
2015		68,604	10,188	133

SB X7-7 Table 6: Gallons per Capita per Day <i>Summary From Table SB X7-7 Table 5</i>	
10-15 Year Baseline GPCD	232
5 Year Baseline GPCD	223
2015 Compliance Year GPCD	133

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

SB X7-7 Table 7-A: Target Method 1 20% Reduction	
10-15 Year Baseline GPCD	2020 Target GPCD
232	185

SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target			
5 Year Baseline GPCD From SB X7-7 Table 5	Maximum 2020 Target ¹	Calculated 2020 Target ²	Confirmed 2020 Target
223	212	185	185
¹ Maximum 2020 Target is 95% of the 5 Year Baseline GPCD ² 2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.			

SB X7-7 Table 8: 2015 Interim Target GPCD		
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>	2015 Interim Target GPCD
185	232	209

Los Altos Suburban District SB X7-7 Verification Form Tables

SB X7-7 Table 9: 2015 Compliance								
Actual 2015 GPCD	2015 Interim Target GPCD	Optional Adjustments <i>(in GPCD)</i>					2015 GPCD <i>(Adjusted if applicable)</i>	Did Supplier Achieve Targeted Reduction for 2015?
		Enter "0" if Adjustment Not Used			TOTAL Adjustments	Adjusted 2015 GPCD		
		Extraordinary Events	Weather Normalization	Economic Adjustment				
133	209	-	-	-	-	133	133	YES