

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

East Los Angeles District

**2015 Urban Water Management Plan
Appendix I**



East Los Angeles District SB X7-7 Verification Form Tables

SB X7-7 Table-1: Baseline Period Ranges			
Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	19,051	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	1995	
	Year ending baseline period range ³	2004	
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	
<p>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.</p>			
<p>³ The ending year must be between December 31, 2004 and December 31, 2010.</p>			
<p>⁴ The ending year must be between December 31, 2007 and December 31, 2010.</p>			

SB X7-7 Table 2: Method for Population Estimates	
Method Used to Determine Population (may check more than one)	
<input type="checkbox"/>	1. Department of Finance (DOF) DOF Table E-8 (1990 - 2000) and (2000-2010) and DOF Table E-5 (2011 - 2015) when available
<input type="checkbox"/>	2. Persons-per-Connection Method
<input type="checkbox"/>	3. DWR Population Tool
<input checked="" type="checkbox"/>	4. Other 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 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.</p>	

SB X7-7 Table 3: Service Area Population		
Year	Population	
10 to 15 Year Baseline Population		
Year 1	1995	148,173
Year 2	1996	148,218
Year 3	1997	147,879
Year 4	1998	148,157
Year 5	1999	148,108
Year 6	2000	148,480
Year 7	2001	148,608
Year 8	2002	148,854
Year 9	2003	149,125
Year 10	2004	149,200
<i>Year 11</i>		
<i>Year 12</i>		
<i>Year 13</i>		
<i>Year 14</i>		
<i>Year 15</i>		
5 Year Baseline Population		
Year 1	2003	149,125
Year 2	2004	149,200
Year 3	2005	149,446
Year 4	2006	149,549
Year 5	2007	149,677
2015 Compliance Year Population		
2015		150,729

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	1995	20,635			-		-	20,635
Year 2	1996	21,274			-		-	21,274
Year 3	1997	21,603			-		-	21,603
Year 4	1998	20,925			-		-	20,925
Year 5	1999	21,921			-		-	21,921
Year 6	2000	21,892			-		-	21,892
Year 7	2001	20,639			-		-	20,639
Year 8	2002	21,664			-		-	21,664
Year 9	2003	20,534			-		-	20,534
Year 10	2004	20,686			-		-	20,686
Year 11	0	-			-		-	-
Year 12	0	-			-		-	-
Year 13	0	-			-		-	-
Year 14	0	-			-		-	-
Year 15	0	-			-		-	-
10 - 15 year baseline average gross water use								21,177
5 Year Baseline - Gross Water Use								
Year 1	2003	20,534			-		-	20,534
Year 2	2004	20,686			-		-	20,686
Year 3	2005	20,101			-		-	20,101
Year 4	2006	20,405			-		-	20,405
Year 5	2007	19,897			-		-	19,897
5 year baseline average gross water use								20,324
2015 Compliance Year - Gross Water Use								
2015		14,268	-		-		-	14,268
* 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:				
<input checked="" type="checkbox"/>	The supplier's own water source			
<input type="checkbox"/>	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	1995	4,175		4,175
Year 2	1996	4,421		4,421
Year 3	1997	4,323		4,323
Year 4	1998	6,432		6,432
Year 5	1999	6,802		6,802
Year 6	2000	3,294		3,294
Year 7	2001	2,850		2,850
Year 8	2002	5,676		5,676
Year 9	2003	5,294		5,294
Year 10	2004	5,924		5,924
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	5,294		5,294
Year 2	2004	5,924		5,924
Year 3	2005	6,048		6,048
Year 4	2006	5,908		5,908
Year 5	2007	5,126		5,126
2015 Compliance Year - Water into Distribution System				
	2015	8,972		8,972
<i>* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document</i>				
NOTES:				

SB X7-7 Table 4-A: Volume Entering the Distribution				
Name of Source		Central Basin MWD		
This water source is:				
<input type="checkbox"/>		The supplier's own water source		
<input checked="" type="checkbox"/>		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	1,995	16459.9816		16,460
Year 2	1,996	16853.1147		16,853
Year 3	1,997	17279.2414		17,279
Year 4	1,998	14493.113		14,493
Year 5	1,999	15118.6588		15,119
Year 6	2,000	18597.1026		18,597
Year 7	2,001	17788.6545		17,789
Year 8	2,002	15987.8217		15,988
Year 9	2,003	15240.208		15,240
Year 10	2,004	14762.165		14,762
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	15240.208		15,240
Year 2	2,004	14762.165		14,762
Year 3	2,005	14052.7007		14,053
Year 4	2,006	14496.9215		14,497
Year 5	2,007	14771.0893		14,771
2015 Compliance Year - Water into Distribution System				
2015		5,296		5,296
<i>* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document</i>				

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	1995	148,173	20,635	124
Year 2	1996	148,218	21,274	128
Year 3	1997	147,879	21,603	130
Year 4	1998	148,157	20,925	126
Year 5	1999	148,108	21,921	132
Year 6	2000	148,480	21,892	132
Year 7	2001	148,608	20,639	124
Year 8	2002	148,854	21,664	130
Year 9	2003	149,125	20,534	123
Year 10	2004	149,200	20,686	124
Year 11	0	-	-	
Year 12	0	-	-	
Year 13	0	-	-	
Year 14	0	-	-	
Year 15	0	-	-	
10-15 Year Average Baseline GPCD				127
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	149,125	20,534	123
Year 2	2004	149,200	20,686	124
Year 3	2005	149,446	20,101	120
Year 4	2006	149,549	20,405	122
Year 5	2007	149,677	19,897	119
5 Year Average Baseline GPCD				121
2015 Compliance Year GPCD				
2015	150,729	14,268	85	

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	127
5 Year Baseline GPCD	121
2015 Compliance Year GPCD	85

SB X7-7 Table 7: 2020 Target Method		
<i>Select Only One</i>		
Target Method	Supporting Documentation	
<input 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 checked="" type="checkbox"/>	Method 3	SB X7-7 Table 7-E
<input type="checkbox"/>	Method 4	Method 4 Calculator

SB X7-7 Table 7-E: Target Method 3				
Agency May Select More Than One as Applicable	Percentage of Service Area in This Hydrological Region	Hydrologic Region	"2020 Plan" Regional Targets	Method 3 Regional Targets (95%)
<input type="checkbox"/>		North Coast	137	130
<input type="checkbox"/>		North Lahontan	173	164
<input type="checkbox"/>		Sacramento River	176	167
<input type="checkbox"/>		San Francisco Bay	131	124
<input type="checkbox"/>		San Joaquin River	174	165
<input type="checkbox"/>		Central Coast	123	117
<input type="checkbox"/>		Tulare Lake	188	179
<input type="checkbox"/>		South Lahontan	170	162
<input checked="" type="checkbox"/>	100%	South Coast	149	142
<input type="checkbox"/>		Colorado River	211	200
Target <i>(If more than one region is selected, this value is calculated.)</i>				142

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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
121	115	142	115
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
115	127	121
NOTES: Interim target < confirmed 2020 target because 10 and 5-year baseline GPCD both below 100 gallons.		

East Los Angeles 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				
85	121	-	-	-	-	85	85	YES