

SB X7-7 Table-1: Baseline Period Ranges

Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	125,284	Acre Feet
	2008 total volume of delivered recycled water	28,100	Acre Feet
	2008 recycled water as a percent of total deliveries	22.43%	Percent
	Number of years in baseline period ^{1, 2}	10	Years
	Year beginning baseline period range	1999	
	Year ending baseline period range ³	2008	
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.

NOTES:

SB X7-7 Table 0: Units of Measure Used in UWMP*

(select one from the drop down list)

Acre Feet

**The unit of measure must be consistent with Table 2-3*

NOTES:

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 checked="" type="checkbox"/>	2. Persons-per-Connection Method
<input checked="" type="checkbox"/>	3. DWR Population Tool
<input checked="" type="checkbox"/>	4. Other DWR recommends pre-review
<p>NOTES: EMWD used an alternate population methodology based on U.S. Census data and GIS very similar to DWR's Population Tool. This methodology was pre-reviewed by DWR.</p>	

SB X7-7 Table 3: Service Area Population

Year	Population	
10 to 15 Year Baseline Population		
Year 1	1999	292,123
Year 2	2000	303,678
Year 3	2001	317,457
Year 4	2002	357,783
Year 5	2003	364,893
Year 6	2004	389,897
Year 7	2005	430,314
Year 8	2006	468,467
Year 9	2007	486,901
Year 10	2008	500,589
<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	364,893
Year 2	2004	389,897
Year 3	2005	430,314
Year 4	2006	468,467
Year 5	2007	486,901
2015 Compliance Year Population		
2015		546,146
NOTES:		

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	1999	83,252	13,862	-	-	-	69,390
Year 2	2000	89,852	17,847	-	-	-	72,005
Year 3	2001	86,835	16,776	-	-	-	70,059
Year 4	2002	97,278	15,995	-	-	-	81,283
Year 5	2003	97,598	11,309	-	-	-	86,289
Year 6	2004	86,983	7,006	-	-	-	79,977
Year 7	2005	97,723	3,046	-	-	-	94,677
Year 8	2006	105,496	4,665	-	-	-	100,831
Year 9	2007	112,060	7,682	-	-	-	104,378
Year 10	2008	103,694	6,510	-	-	-	97,184
Year 11	0	-	-	-	-	-	-
Year 12	0	-	-	-	-	-	-
Year 13	0	-	-	-	-	-	-
Year 14	0	-	-	-	-	-	-
Year 15	0	-	-	-	-	-	-
10 - 15 year baseline average gross water use							85,607
5 Year Baseline - Gross Water Use							
Year 1	2003	97,598	11,309	-	-	-	86,289
Year 2	2004	86,983	7,006	-	-	-	79,977
Year 3	2005	97,723	3,046	-	-	-	94,677
Year 4	2006	105,486	4,665	-	-	-	100,821
Year 5	2007	112,060	7,682	-	-	-	104,378
5 year baseline average gross water use							93,228
2015 Compliance Year - Gross Water Use							
2015	81,453	2,516	-	-	-	-	78,937

* NOTE that the units of measure must remain consistent throughout the UWMP, as reported in Table 2-3

NOTES:

SB X7-7 Table 4-A: Volume Entering the Distribution System(s)

Complete one table for each source.

Name of Source Potable 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
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10 to 15 Year Baseline - Water into Distribution System

Year 1	1999	20,280		20,280
Year 2	2000	21,287		21,287
Year 3	2001	18,536		18,536
Year 4	2002	18,861		18,861
Year 5	2003	17,547		17,547
Year 6	2004	16,564		16,564
Year 7	2005	18,064		18,064
Year 8	2006	19,644		19,644
Year 9	2007	19,489		19,489
Year 10	2008	20,043		20,043
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	17,547		17,547
Year 2	2004	16,564		16,564
Year 3	2005	18,064		18,064
Year 4	2006	19,644		19,644
Year 5	2007	19,489		19,489

2015 Compliance Year - Water into Distribution System

2015	14,570		14,570
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** 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 Desalters

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
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10 to 15 Year Baseline - Water into Distribution System

Year 1	1,999	0	0
Year 2	2,000	0	0
Year 3	2,001	0	0
Year 4	2,002	4	4
Year 5	2,003	999	999
Year 6	2,004	1440	1,440
Year 7	2,005	855	855
Year 8	2,006	4802	4,802
Year 9	2,007	4792	4,792
Year 10	2,008	2973	2,973
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	999	999
Year 2	2,004	1440	1,440
Year 3	2,005	855	855
Year 4	2,006	4802	4,802
Year 5	2,007	4792	4,792

2015 Compliance Year - Water into Distribution System

2015	7,288		7,288
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** 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 Treated Imported Water

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
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10 to 15 Year Baseline - Water into Distribution System

Year 1	1,999	62972	62,972
Year 2	2,000	68565	68,565
Year 3	2,001	68299	68,299
Year 4	2,002	77349	77,349
Year 5	2,003	74551	74,551
Year 6	2,004	60835	60,835
Year 7	2,005	73060	73,060
Year 8	2,006	72554	72,554
Year 9	2,007	70467	70,467
Year 10	2,008	63731	63,731
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	74551	74,551
Year 2	2,004	60835	60,835
Year 3	2,005	73060	73,060
Year 4	2,006	72544	72,544
Year 5	2,007	70467	70,467

2015 Compliance Year - Water into Distribution System

2015	39,344		39,344
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** 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 Raw Imported Water

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
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10 to 15 Year Baseline - Water into Distribution System

Year 1	1,999	0	0
Year 2	2,000	0	0
Year 3	2,001	0	0
Year 4	2,002	1064	1,064
Year 5	2,003	760	760
Year 6	2,004	233	233
Year 7	2,005	108	108
Year 8	2,006	91	91
Year 9	2,007	41	41
Year 10	2,008	353	353
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	760	760
Year 2	2,004	233	233
Year 3	2,005	108	108
Year 4	2,006	91	91
Year 5	2,007	41	41

2015 Compliance Year - Water into Distribution System

2015	941		941
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** 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		EMWD Filtration Plants		
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	1,999	0		0
Year 2	2,000	0		0
Year 3	2,001	0		0
Year 4	2,002	0		0
Year 5	2,003	3741		3,741
Year 6	2,004	7911		7,911
Year 7	2,005	5636		5,636
Year 8	2,006	8405		8,405
Year 9	2,007	17271		17,271
Year 10	2,008	16594		16,594
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	3741		3,741
Year 2	2,004	7911		7,911
Year 3	2,005	5636		5,636
Year 4	2,006	8405		8,405
Year 5	2,007	17271		17,271
2015 Compliance Year - Water into Distribution System				
2015	18,628			18,628
<i>* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document</i>				
NOTES:				

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	1999	292,123	69,390	212
Year 2	2000	303,678	72,005	212
Year 3	2001	317,457	70,059	197
Year 4	2002	357,783	81,283	203
Year 5	2003	364,893	86,289	211
Year 6	2004	389,897	79,977	183
Year 7	2005	430,314	94,677	196
Year 8	2006	468,467	100,831	192
Year 9	2007	486,901	104,378	191
Year 10	2008	500,589	97,184	173
<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 Average Baseline GPCD				197
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	364,893	86,289	211
Year 2	2004	389,897	79,977	183
Year 3	2005	430,314	94,677	196
Year 4	2006	468,467	100,821	192
Year 5	2007	486,901	104,378	191
5 Year Average Baseline GPCD				195
2015 Compliance Year GPCD				
2015		546,146	78,937	129
NOTES:				

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

10-15 Year Baseline GPCD	197
5 Year Baseline GPCD	195
2015 Compliance Year GPCD	129

NOTES:

SB X7-7 Table 7: 2020 Target Method

Select Only One

Target Method		Supporting Documentation
<input type="checkbox"/>	Method 1	SB X7-7 Table 7A
<input checked="" 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

NOTES:

**Water Suppliers using Target Method 2 shall complete the
Parcels Table, SB X7-7 Tables 7B, 7C, and 7D, as found in this worksheet.**

Landscape

These tables will be submitted to DWR as an Excel attachment in the WUEdata tool.
data from these tables will not be entered into WUE data tables.

The

If the water supplier's service area spans more than one ETo Zone, the supplier will:

use multiple versions of the Landscape Parcel Table for each ETo zone that they serve.

multiple versions of SB X7-7 Table 7B for each ETo zone that they serve.

rows to Table 7D

1.

2. Use

3. Add additional

LANDSCAPE PARCELS

A narrative describing the method for estimating landscape area must be provided. These estimations must be made in accordance with Methodology 6 Section "Measure Landscape Area".
Provide location of narrative in cell to the right.

Section 5.6

Enter ETo^{1,2} for Service Area (inches/year)

58.82

Pre-2010 Landscape (ETAF .8)

Category by Parcel Size in Sq Ft	# of Parcels	Estimated % Landscape Area <i>fm sampling</i>	Landscape Area (In Acres)
0 - 4,000 sqft	4,907		99.08
4,000 - 8,000 sqft	76,345		4,071.84
8,000 - 12,000 sqft	26,633		2,278.10
12,000 - 16,000 sqft	4,009		528.65
16,000 - 20,000 sqft	2,431		348.87
20,000 - 24,000 sqft	1,790		341.83
Greater than 24,000 sqft	8,273		2,617.51
Unknown	6,091		5,273.61
TOTAL Pre 2010 Landscapes	130,479		15,559

Post-2010 Landscape (ETAF .7)

Category by Parcel Size in Sq Ft	# of Parcels	Estimated % Landscape Area <i>fm sampling</i>	Landscape Area (In Acres)
0 - 4,000 sqft	4		0.13
4,000 - 8,000 sqft	307		18.39
8,000 - 12,000 sqft	159		11.67
12,000 - 16,000 sqft	15		1.97
16,000 - 20,000 sqft	5		0.34
20,000 - 24,000 sqft	3		0.90
Greater than 24,000 sqft	-		-
Unknown	7,583		965.76
TOTAL Post 2010 Landscapes	8,076		999

Special Landscape Area (SLA) (ETAF 0.55)			
Category by Parcel Size in Sq Ft	# of Parcels	Estimated % Landscape Area <i>fm sampling</i>	Landscape Area (In Acres)
0 - 4,000 sqft			
4,000 - 8,000 sqft			
8,000 - 12,000 sqft			
12,000 - 16,000 sqft			
16,000 - 20,000 sqft			
20,000 - 24,000 sqft			
Greater than 24,000 sqft			
Unknown			134.00
TOTAL SLA Landscapes	-		134
Special Landscape Area (SLA) (ETAF 0.8)			
Category by Parcel Size in Sq Ft	# of Parcels	Estimated % Landscape Area <i>fm sampling</i>	Landscape Area (In Acres)
0 - 4,000 sqft			
4,000 - 8,000 sqft			
8,000 - 12,000 sqft			
12,000 - 16,000 sqft			
16,000 - 20,000 sqft			
20,000 - 24,000 sqft			
Greater than 24,000 sqft			
Unknown			1,500.00
TOTAL SLA Landscapes	-		1,500
Special Landscape Area (SLA) (ETAF 1.0)			
Category by Parcel Size in Sq Ft	# of Parcels	Estimated % Landscape Area <i>fm sampling</i>	Landscape Area (In Acres)
0 - 4,000 sqft			
4,000 - 8,000 sqft			
8,000 - 12,000 sqft			
12,000 - 16,000 sqft			
16,000 - 20,000 sqft			
20,000 - 24,000 sqft			
Greater than 24,000 sqft			
Unknown			384.47
TOTAL SLA Landscapes	-		384
TOTAL LANDSCAPE AREA (In Acres)			18,577
¹ If the water supplier's service area spans more than one ETo Zone, the supplier will use multiple versions of the Landscape Parcel Table and SB X7-7 Table 7B for each ETo zone that they serve.			
² Methods for estimating historical ETo (reference evapotranspiration) are described in the Methodologies document, Methodology 6, in the section "Estimate Reference Evapotranspiration".			
NOTES			

SB X7-7 Table 7-B: Target Method 2

Target Landscape Water Use

Select Unit of Measure from drop down		Acre Feet
ETo ¹ for Service Area (inches/year) from Landscape Parcels Table		58.8
Landscape Parcels (from Landscape Parcels Table)	Acres	Water Use
Acres of landscape installed pre-2010 ² (ETAF 0.8) ³	15,559	61,014
Acres of landscape installed post-2010 ² (ETAF 0.7) ³	999	3,428
Acres of Special Landscape Area ² (ETAF 0.55) ³	134	361
Acres of Special Landscape Area ² (ETAF 0.8) ³	1,500	5,882
Acres of Special Landscape Area ² (ETAF 1.0) ³	384	1,885
Target Landscape Water Use for 2015 in		72,570

¹ If the water supplier's service area spans more than one ETo Zone, the supplier will use multiple versions of the Landscape Parcel Table and SB X7-7 Table 7B for each ETo zone that they serve.

² The number of acres is taken from the Landscape Parcels Table.

³ ETAF - Evapotranspiration Adjustment Factor. Refer to the Model Water Efficient Landscape Ordinance.

NOTES

SB X7-7 Table 7-C: Target Method 2

Target CII Water Use

Baseline Year <i>Fm SB X7-7 Table 3</i>	CII Water Use*	Process Water Exclusion (Optional) <i>Fm SB X7-7 Table (s) 4-D</i>	CII Water Use Minus Process Water Exclusion	Population <i>Fm SB X7-7 Table 3</i>	CII GPCD		
						Select Unit of Measure from drop down Must be same as Table 7B	
						Acre Feet	
1999	6,740		6,740	292,123	21		
2000	7,170		7,170	303,678	21		
2001	7,120		7,120	317,457	20		
2002	7,280		7,280	357,783	18		
2003	7,230		7,230	364,893	18		
2004	7,850		7,850	389,897	18		
2005	7,280		7,280	430,314	15		
2006	8,240		8,240	468,467	16		
2007	8,370		8,370	486,901	15		
2008	8,190		8,190	500,589	15		
			0				
			0				
			0				
			0				
			0				
Average Annual 10 to 15 Year Baseline CII Water Use (GPCD)					18		
10% Reduction					2		
2020 Target CII Water Use					16		
<i>*CII water use for each year of the baseline period must be provided.</i>							
NOTES							

SB X7-7 Table 7-D: Target Method 2 Summary

617,100		2020 Population	
Sector	Volume		GPCD
	Acre Feet		
Target Indoor Residential Water Use	38,018	55	
Target Landscape Water Use* <i>From SB X7-7 Table 7-B</i>	72,570	105	
Target CII Water Use <i>From SB X7-7 Table 7-C</i>	10,967	16	
2020 Target	121,555	176	
*Additional rows may be added for Target Landscape Water Use if the service area spans more than one Eto Zone.			
NOTES:			

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
195	185	176	176

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.

NOTES:

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
176	197	187

NOTES:

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				
129	187	-	<i>From Methodology 8 (Optional)</i>	-	-	129	129	YES

NOTES: