Department of Water Resources
Water Use Efficiency

20x2020 Standardized Reporting Form for Baselines and Targets

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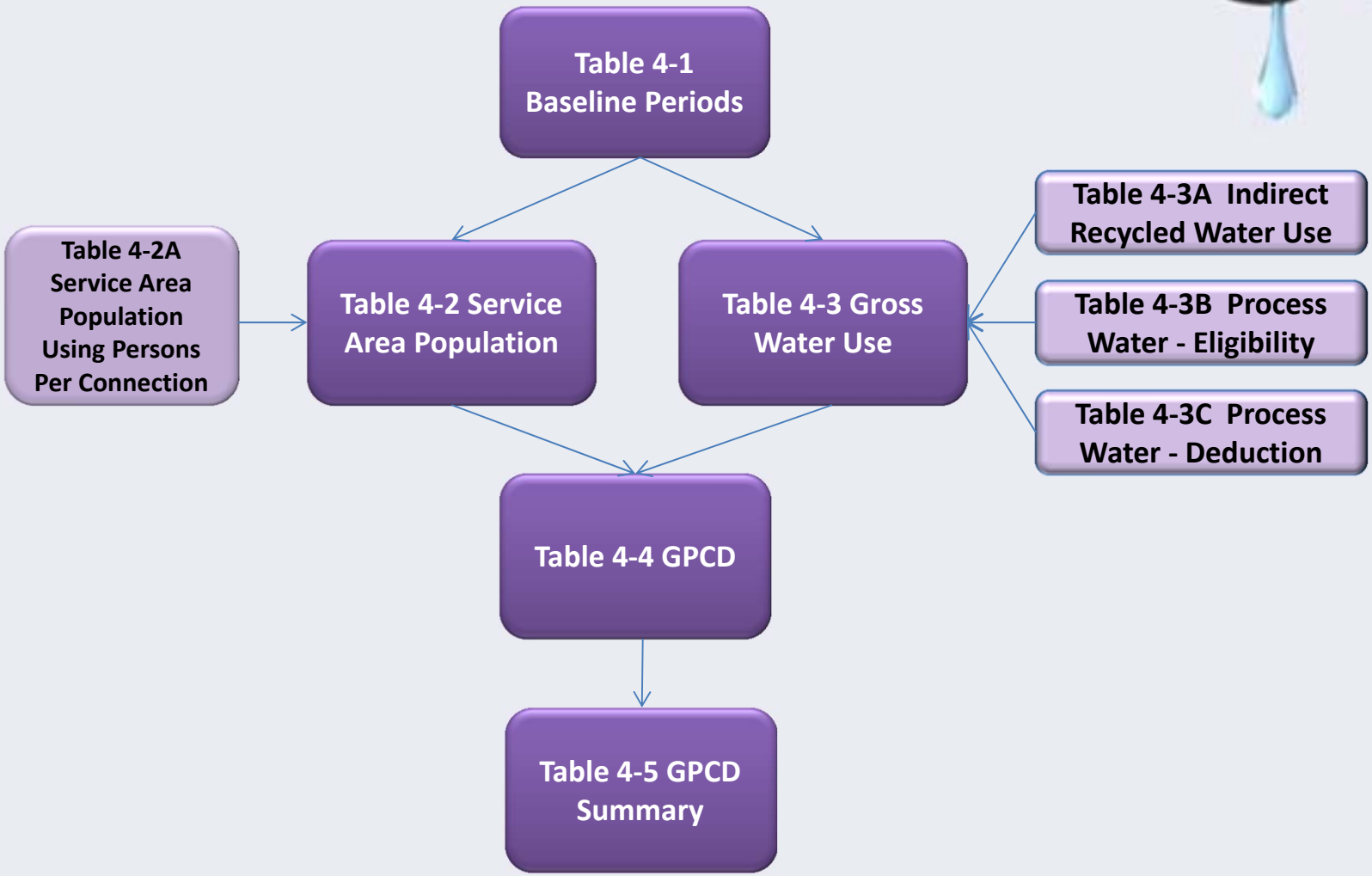
SBX7-7 Chapter 6. Standardized Data Collection

- 10608.52(b) At a minimum, the form shall be developed to accommodate information sufficient to assess an urban water supplier's compliance with conservation targets pursuant to Section 10608.24 and an agricultural water supplier's compliance with implementation of efficient water management practices pursuant to subdivision (a) of Section 10608.48. The form shall accommodate reporting by urban water suppliers on an individual or regional basis as provided in subdivision (a) of Section 10608.28.

Baseline Tables



Target Tables

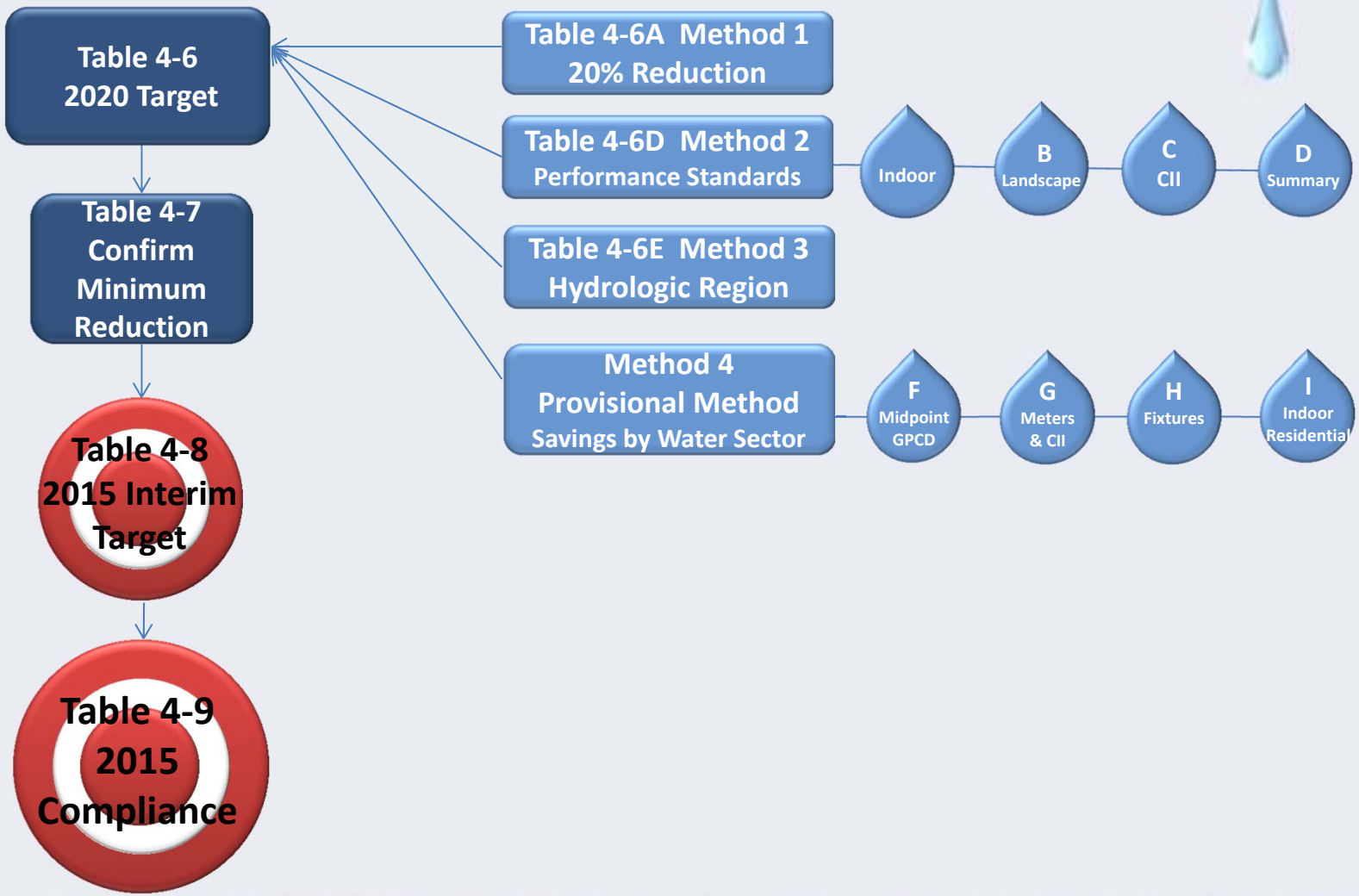


Table 4-1: Baseline Period Ranges

Table 4-1: Baseline Period Ranges			
Baseline	**Parameter**	**Value**	**Units**
10- to 15-year baseline period	2008 total water deliveries		acre feet
	2008 total volume of delivered recycled water		acre feet
	2008 recycled water as a percent of total deliveries		percent
	Number of years in baseline period[1]		years
	Year beginning baseline period range		
	Year ending baseline period range[2]		
5-year baseline period	Number of years in baseline period	5	years
	Year beginning baseline period range		
	Year ending baseline period range[3]		

[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 ending year must be between December 31, 2004 and December 31, 2010.

[3]The ending year must be between December 31, 2007 and December 31, 2010.

Table 4-2: Service Area Population

Table 4-2: Service Area Population		
Method Used to Determine Population		
	Dept of Finance	
	Persons per Connection See Table 4-2A in Appendix X	
	Other	
10 to 15 Year Baseline Population		
Year		**Population**
Year 1		
Year 2		
Year 3		
Year 4		
Year 5		
Year 6		
Year 7		
Year 8		
Year 9		
Year 10		
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1		
Year 2		
Year 3		
Year 4		
Year 5		
2015 Compliance Year Population		
2015		

Table 4-2A: Service Area Population Using Persons-Per-Connection

Table 4-2A: Service Area Population Using Persons-Per-Connection Method *(for agencies that are not cities or CDPs)*				
	Year	**# Residential Connections** *(multi and single family combined)*	**Persons per Residential Connection Year 2010**	**Population for non-census years**
10 to 15 Year Baseline Population Calculations				
Year 1			*auto fill from line 1*	*auto calculate*
Year 2			*auto fill from line 1*	*auto calculate*
Year 3			*auto fill from line 1*	*auto calculate*
Year 4			*auto fill from line 1*	*auto calculate*
Year 5			*auto fill from line 1*	*auto calculate*
Year 6			*auto fill from line 1*	*auto calculate*
Year 7			*auto fill from line 1*	*auto calculate*
Year 8			*auto fill from line 1*	*auto calculate*
Year 9			*auto fill from line 1*	*auto calculate*
Year 10			*auto fill from line 1*	*auto calculate*
5 Year Baseline Population Calculations				
Year 1			*auto fill from line 1*	*auto calculate*
Year 2			*auto fill from line 1*	*auto calculate*
Year 3			*auto fill from line 1*	*auto calculate*
Year 4			*auto fill from line 1*	*auto calculate*
Year 5			*auto fill from line 1*	*auto calculate*
2015 Compliance Year Population Calculations				
2015				*auto calculate*

Table 4-3: Gross Water Use

Table 4-3: Gross Water Use									
	Baseline Year	Volume Into Distribution System	Deductions						Gross Water Use
			Recycled Water	Exported Water	Change in Dist. System Storage (+/-)	Indirect Recycled Water Use Table 4-3A	Water Delivered for Agricultural Use	Process Water Use Tables 4-3B and 4-3 C	
10 to 15 Year Baseline Gross Water Use									
Year 1						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 2						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 3						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 4						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 5						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 6						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 7						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 8						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 9						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 10						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 11						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 12						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 13						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 14						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
Year 15						*from Table 4-3A*		*from Table 4-3C*	*auto calculate*
10 - 15 year baseline average gross water use									***auto calculate***
5 Year Baseline Gross Water Use									
Year 1						*auto fill*		*from Table 4-3C*	*auto calculate*
Year 2						*auto fill*		*from Table 4-3C*	*auto calculate*
Year 3						*auto fill*		*from Table 4-3C*	*auto calculate*
Year 4						*auto fill*		*from Table 4-3C*	*auto calculate*
Year 5						*auto fill*		*from Table 4-3C*	*auto calculate*
5 year baseline average gross water use									***auto calculate***
2015 Compliance Year Gross Water Use									
2015									***auto calculate***

Table 4-4: Gallons Per Capita Per Day (GPCD)

Table 4-4: Gallons Per Capita Per Day (GPCD)				
	Baseline Years	Service Area Population	Gross Water Use	Daily Per Capita Water Use
10 to 15 Year Baseline GPCD				
Year 1	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 2	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 3	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 4	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 5	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 6	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 7	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 8	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 9	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 10	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 11	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 12	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 13	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 14	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 15	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
10-15 Year Average Baseline GPCD				***Auto calculate***
5 Year Baseline GPCD				
	baseline Years	Service Area Population	Gross Water Use	Daily Per Capita Water Use
Year 1	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 2	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 3	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 4	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
Year 5	*Auto fill*	*Auto fill*	*Auto fill*	*Auto calculate*
5 Year Average Baseline GPCD				***Auto calculate***
2015 Compliance Year GPCD				
2015				

Table 4-5: Gallons Per Capita per Day Summary

Table 4-5: Gallons per Capita per Day Summary	
10-15 Year Baseline GPCD	
5 Year Baseline GPCD	
2015 Compliance Year GPCD	

Table 4-6: 2020 Target

Table 4-6: 2020 Target (Select Only One)			
Target Method		Calculated Target	Supporting Documentation
Method 1	☐		Table 4-6A
Method 2	☐		Tables 4-6B, 4-6C and 4-6D
Method 3	☐		Table 4-6E
Method 4	☐		Tables 4-6F, 4-6G, 4-6H, and 4-6I

Table 4-7: Confirm Minimum Reduction

Table 4-7: Confirm Minimum Reduction			
5 Year Baseline GPCD	Maximum 2020 Target*	Calculated 2020 Target	Confirmed 2020 Target
Table 4-4	*auto calculate*	*Table 4-6*	*auto calculate*
** Maximum 2020 Target is 95% of the 5 Year Baseline GPCD*			

Table 4-8: 2015 Interim Target GPCD

Table 4-8: 2015 Interim Target GPCD		
Confirmed 2020 Target	10-15 year Baseline GPCD	2015 Interim Target GPCD
Table 4-7	*Table 4-4*	*auto calculate*

Table 4-9: 2015 Compliance

Table 4-9: 2015 Compliance			
2015 Interim Target GPCD	2015 Actual GPCD	Actual as Percent of Target	In Compliance? Y/N
Table 4-8	*Table 4-4*	*auto calculate*	*auto calculate*

COMMENTS?
QUESTIONS?

Table 4-3A: Indirect Recycled Water Use Deduction

Table 4-3A: Indirect Recycled Water Use Deduction																
		Surface Reservoir Augmentation						Groundwater Recharge								
	Year	Volume Discharged from Reservoir for Distribution System Delivery	Recycled Water Blend	Recycled Water Delivered to Treatment Plant	Transmission/ Treatment Loss	Transmission/ Treatment Losses	Volume Entering Distribution System from Surface Reservoir Augmentation	5-Year Annual Average Recharge	Recharge Recovery Factor	Recycled Water Pumped from Basin	Utility Pumping as % of Basin Total	Recycled Water Pumped by Utility	Transmission/ Treatment Loss	Transmission/ Treatment Losses	Volume Entering Distribution System from Groundwater Recharge	Total Deductible Volume of Indirect Recycled Water Use Entering the Distribution System
10 - 15 Year Baseline Indirect Recycled Water Use																
Year 1																
Year 2																
Year 3																
Year 4																
Year 5																
Year 6																
Year 7																
Year 8																
Year 9																
Year 10																
Year 11																
Year 12																
Year 13																
Year 14																
Year 15																
5 Year Baseline Indirect Recycled Water Use																
Year 1																
Year 2																
Year 3																
Year 4																
Year 5																
2015 Compliance Indirect Recycled Water Use																
2015																

Table 4-3B: Process Water Deduction Eligibility

Table 4-3B: Process Water Deduction Eligibility

	Year	**Criteria 1** Industrial water use equal to or greater than 12% of gross water use				**Criteria 2** Industrial water use equal to or greater than 15 GPCD				**Criteria 3** Non-industrial use equal to or less than 120 GPCD						**Criteria 4** Disadvantaged Community				
		Gross water use	Industrial Water Use	Percent Industrial Water	Eligible for Exclusion Y/N	Industrial Water Use	Population	Industrial GPCD	Eligible for Exclusion Y/N	Gross water use	Industrial Water Use	Non-industrial Water Use	Population	Non-Industrial GPCD	Eligible for Exclusion Y/N	California Median Household Income		Service Area Median Household Income	Percentage of Statewide Average	Eligible for Exclusion? Y/N
10 to 15 Year Baseline Process Water Deduction Eligiblity																				
Year 1		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*	2000	$46,816		*Auto calculate*	*Auto fill*
Year 2		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*	2010	$53,046		*Auto calculate*	*Auto fill*
Year 3		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 4		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*	*A "Disadvantaged Community" is a community with a median household income less than 80 percent of the statewide average.*				
Year 5		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 6		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 7		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 8		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 9		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 10		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 11		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 12		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 13		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 14		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 15		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
5 Year Baseline Process Water Deduction Eligiblity																				
Year 1		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*	2000	$46,816		*Auto calculate*	*Auto fill*
Year 2		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*	2010	$53,046		*Auto calculate*	*Auto fill*
Year 3		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*	*A "Disadvantaged Community" is a community with a median household income less than 80 percent of the statewide average.*				
Year 4		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
Year 5		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*					
2015 Compliance Year Process Water Deduction Eligiblity																				
2015		*from Table 4-3*		*Auto calculate*	*Auto fill*		*from Table 4-2*	*Auto calculate*	*Auto fill*	*from Table 4-3*		*Auto calculate*	*from Table 4-2*	*Auto calculate*	*Auto fill*	2010	$53,046		*Auto calculate*	*Auto fill*

Table 4-3C: Process Water Deduction - Volume

Table 4-3C: Process Water Deduction - Volume								
	Year	Name of Industrial Customer	Total Water Use by Customer	Total Volume Supplied by Water Agency	% of water supplied by water agency	Customer's Total Incidental Water Use	Customer's Total Process Water Use	Volume of Process Water Eligible for Exclusion
10 to 15 Year Baseline Process Water Deduction								
Year 1		*Customer 1*			*Auto calculate*			*Auto calculate*
Expandable so that multiple industrial customers may be entered for any given year.								
Year 2					*Auto calculate*			*Auto calculate*
Year 3					*Auto calculate*			*Auto calculate*
Year 4					*Auto calculate*			*Auto calculate*
Year 5					*Auto calculate*			*Auto calculate*
Year 6					*Auto calculate*			*Auto calculate*
Year 7					*Auto calculate*			*Auto calculate*
Year 8					*Auto calculate*			*Auto calculate*
Year 9					*Auto calculate*			*Auto calculate*
Year 10					*Auto calculate*			*Auto calculate*
Year 11					*Auto calculate*			*Auto calculate*
Year 12					*Auto calculate*			*Auto calculate*
Year 13					*Auto calculate*			*Auto calculate*
Year 14					*Auto calculate*			*Auto calculate*
Year 15					*Auto calculate*			*Auto calculate*
5 Year Baseline Process Water Deduction								
Year 1					*Auto calculate*			*Auto calculate*
Year 2					*Auto calculate*			*Auto calculate*
Year 3					*Auto calculate*			*Auto calculate*
Year 4					*Auto calculate*			*Auto calculate*
Year 5					*Auto calculate*			*Auto calculate*
2015 Compliance Year Process Water Deduction								
2015								

Table 4-6A: Target Method 1
20% Reduction

Table 4-6A: Target Method 1 20% Reduction	
10-15 Year Baseline GPCD	20% Reduced
From Table 4-4	*Auto calculate*

Table 4-6D: Target Method 2 Summary

Table 4-6D: Target Method 2 Summary	
Sector	2020 GPCD
Efficient Indoor Residentional Water Use	55
Efficient Landscape Water Use	*from Table 4-5 B*
Efficient CII Water Use	*from Table 4-5 C*
Method 2, 2020 Target	***Auto Sum***

Table 4-6B: Target Method 2 Landscape Area Water Use

Table 4-6B: Target Method 2, Landscape Area Water Use								
Evapotranspiration			**1992 MWELO**		**2009 MWELO**			
ET Zone	**Water Supplier Defined Reference Eto**	**CIMIS Reference Eto** *(auto fill from CIMIS based on ET Zone)*	**Landscaped Area*** (Installed *BEFORE* Jan 1, 2010)	**Irrigated at MAWA 1992 MWELO**	**Landscaped Area*** (Installed *AFTER* Jan 1, 2010)	**Irrigated at MAWA 2009 MWELO**	**Special Landscaped Area**	**Irrigated at MAWA 2009 MWELO**
		auto fill		*auto calculate*		*auto calculate*		*auto calculate*
		auto fill		*auto calculate*		*auto calculate*		*auto calculate*
		auto fill		*auto calculate*		*auto calculate*		*auto calculate*
Subtotal				***Auto sum***		***Auto sum***		***Auto sum***
							Total Landscape Water Use in Gallons/Year	auto calculate
NEED GUIDANCE REGARDING WHICH YEAR'S DATA TO USE							Population	
** Water agencies must include a description of the method used to estimate the landscaped area.*							Landscape Water Use in GPCD	auto calculate

ET Zone	*CIMIS ETo*
1	33.0
2	39.0
3	46.3
4	46.6
5	43.9
6	49.7
7	43.4
8	49.4
9	55.1
10	49.1
11	53.0
12	53.3
13	54.3
14	57.0
15	57.9
16	62.5
17	66.5
18	71.6

Abbreviations and Definitions
CIMIS - California Irrigation Management Information Systems - a system that provides weather data(including ET) for the state of California
ET - Evapotranspiration - The combination of two processes of water transferring to the atmosphere, evaporation (water transfers from the soil and other surfaces) and transpiration (water transfers through plants).
ETo - Reference Evapotranspiration - The evapotranspiration rate from a reference surface with specific characteristics.
Landscaped Area - Irrigated landscape area served by a residential or dedicated landscape meter or connection.Exclude landscape served by CII connections and non-irrigated landscape.
MWELO - Model Water Efficient Landscape Ordinance
MAWA - Maximum Applied Water Allowance
Special Landscape Area - An area of the landscape dedicated solely to edible plants, areas irrigated with recycled water, water features using recycled water and areas dedicated to active play such as parks, sports fields, golf courses, and where turf provides a playing surface.

Table 4-6C: Target Method 2 Baseline CII Water Use

NOTE: CII water use for the entire baselineline period must be provided.

Definitions

Commercial Water User means a water user that provides or distributes a product or service.

Industrial Water User means a water user that is primarily a manufacturer or processor of materials as defined by the North American Industry Classification System code sectors 31 to 33, inclusive, or an entity that is a water use primarily engaged in research and development.

Institutional Water User means a water user dedicated to public service. This type of user includes, among other users, higher education institutions, schools, courts, churches, hospitals, government facilities, and nonprofit research institutions.

Process Water means water means water used by industrial water users for producing a product or product content, or water used for research and development. Process water includes, but is not limited to; the continuous manufacturing processes, water used for testing, cleaning and maintaining equipment. Water used to cool machinery or buildings used in the manufacturing process or necessary to maintain product quality or chemical characteristics for product manufacturing or control rooms, data centers, laboratories, clean rooms and other industrial facility units that are integral to the manufacturing or research and development process shall be considered process water. Water used in the manufacturing process that is necessary for complying with local, State and federal health and safety laws, and is not incidental water, shall be considered process water. Process water does not include incidental, commercial or institutional water uses.

Table 4-6C: Target Method 2, Baseline CII Water

Baseline Year	(1) CII Water Use (AF)	(2) Process Water Exclusion (AF) *(Optional)*	(3) Population	[(1) - (2)] / (3) CII GPCD
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Auto Fill from Table 4- 2		Auto Fill from Table 4- 3 C	Auto Fill from Table 4- 2	Auto calculate
Average Annual 10 to 15 Year Baseline CII Water Use (GPCD)				Auto calculate
10% Reduction				Auto calculate
2020 Target CII Water Use				Auto calculate

Table 4-6E: Target Method 3

Table 4-6E: Target Method 3					
Agency May Select More Than One as Applicable	Hydrologic Region	Percentage of Service Area in This Hydrological Region	"2020 Plan" Regional Targets	Method 3 Regional Targets (95%)	Agency's 2020 Target Using Method 3
☐	North Coast		137	130	*auto calculate*
☐	North Lahontan		173	164	*auto calculate*
☐	Sacramento River		176	167	*auto calculate*
☐	San Francisco Bay		131	124	*auto calculate*
☐	San Joaquin Rover		174	165	*auto calculate*
☐	Central Coast		123	117	*auto calculate*
☐	Tulare Lake		188	179	*auto calculate*
☐	South Lahontan		170	162	*auto calculate*
☐	South Coast		149	142	*auto calculate*
☐	Colorado River		211	200	*auto calculate*

Table 4-6F: Target Method 4 Midpoint GPCD

Table 4-6F: Target Method 4 Midpoint GPCD			
10-15 Year Baseline Period		Midpoint Year of Baseline	Population in Midpoint Year
First Year	*Table 4-1*	*Auto calculate*	*Table 4-1*
Last Year	*Table 4-1*		

Table 4-6G: Target Method 4 Metering and CII

Table 4-6G: Target Method 4 Metering and CII					
Midpoint Year	Number of Unmetered Connections Midpoint Year	Water Deliveries to Unmetered Connections in Midpoint Year (AF)	Assumed Metering Savings in GPCD	CII Water Use in Midpoint Year	Assumed CII Savings in GPCD
Table 4-6 F			*Auto calculate*		*Auto calculate*

Table 4-6H: Target Method 4
Persons & Plumbing Fixtures per Household

Table 4-6H: Target Method 4 Persons and Plumbing Fixtures per Household		
	Single Family	Multi-Family
Persons		
Toilets		
Showers		

Reference for Table 4-6H				
Region Name	Single Family		Multi-Family	
	Showers	Toilets	Showers	Toilets
Anaheim - Santa Ana	1.92	2.33	1.25	1.44
Bakersfield	1.64	1.96	1.38	1.48
Fresno	1.62	1.91	1.19	1.29
Los Angeles - Long Beach	1.58	1.93	1.19	1.34
Modesto	1.79	1.99	1.23	1.58
Oakland	1.77	2.07	1.17	1.36
Oxnard - Ventura	1.87	2.22	1.16	1.37
Riverside - San Bernardino	1.81	2.05	1.37	1.51
Sacramento	1.69	1.99	1.14	1.21
Salinas - Seaside - Monterey	1.72	2.09	1	1.15
San Diego	1.92	2.21	1.25	1.39
San Francisco	1.79	2.2	1.15	1.25
San Jose	1.98	2.33	1.24	1.39
Santa Barbara - Santa Maria - Lompoc	1.6	1.8	1	1.1
Santa Rose - Petaluma	2.26	2.43	1	1.2
Stockton	1.58	1.87	1.11	1.11
Vallejo - Fairfield - Napa	1.91	2.31	1.11	1.26
California Urban Average	1.75	2.08	1.2	1.35

Table 4-6I: Target Method 4 Indoor Residential Savings

Table 4-6I: Target Method 4 Indoor Residential Savings								
10-15 year baseline years		Single Family Housing Units	Multi-Family Housing Units	Toilets		Residential Washers	Residential Showers	**Total Indoor Residential Savings**
				Single Family	Multi-Family			
Year 1	*Table 4-2*							*auto calculate*
Year 2	*Table 4-2*							*auto calculate*
Year 3	*Table 4-2*							*auto calculate*
Year 4	*Table 4-2*							*auto calculate*
Year 5	*Table 4-2*							*auto calculate*
Year 6	*Table 4-2*							*auto calculate*
Year 7	*Table 4-2*							*auto calculate*
Year 8	*Table 4-2*							*auto calculate*
Year 9	*Table 4-2*							*auto calculate*
Year 10	*Table 4-2*							*auto calculate*
Year 11	*Table 4-2*							*auto calculate*
Year 12	*Table 4-2*							*auto calculate*
Year 13	*Table 4-2*							*auto calculate*
Year 14	*Table 4-2*							*auto calculate*
Year 15	*Table 4-2*							*auto calculate*