UWMP Standardized Tables

Willows District

2015 Urban Water Management Plan Appendix H



Table 2-1 Retail Only: Public Water Systems								
Public Water System Number	Public Water System Name	Number of Municipal Connections 2015	Volume of Water Supplied 2015					
1110003	Willows	2,371	1,044					
	TOTAL	2,371	1,044					

Table 2-2:	able 2-2: Plan Identification								
Select Only One		Type of Plan	Name of RUWMP or Regional Alliance applicable drop down list						
7	Individual (UWMP							
		Water Supplier is also a member of a RUWMP							
		Water Supplier is also a member of a Regional Alliance							
	Regional U	rban Water Management Plan (RUWMP)							

Table 2-3: Agency Identification							
Type of Ag	Type of Agency (select one or both)						
	Agency is a wholesaler						
~	Agency is a retailer						
Fiscal or Calendar Year (select one)							
7	UWMP Tables Are in Calendar Years						
	UWMP Tables Are in Fiscal Years						
If Using F	iscal Years Provide Month and Date that the Fiscal Year Begins (mm/dd)						
Units of M	easure Used in UWMP (select from Drop down)						
Unit	AF						

Table 2-4 Retail: Water Supplier Information Exchange The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631. Wholesale Water Supplier Name (Add additional rows as needed) No wholesale water supplier.

Table 3-1 Retail: Population - Current and Projected								
Population	2015	2020	2025	2030	2035	2040(opt)		
Served	7,118	7,915	8,535	9,155	9,296	9,439		

Table 4-1 Retail: Demands for Potable and Raw Water - Actual							
Use Type (Add additional rows as needed)		2015 Actual					
Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool	Additional Description (as needed)	Level of Treatment When Delivered Drop down list	Volume				
Single Family		Drinking Water	638				
Multi-Family		Drinking Water	73				
Commercial		Drinking Water	198				
Industrial		Drinking Water	0				
Institutional/Governmental		Drinking Water	61				
Other		Drinking Water	3				
Losses		Drinking Water	71				
		TOTAL	1,044				

Table 4-2 Retail: Demands for Potable and Raw Water - Projected								
Use Type (Add additional rows as needed)	Additional Description	Projected Water Use Report To the Extent that Records are Available						
<u>Drop down list</u> May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool	(as needed)	2020	2025	2030	2035	2040-opt		
Single Family		1,158	1,257	1,380	1,403	1,418		
Multi-Family		139	159	162	166	168		
Commercial		241	244	242	241	239		
Industrial		0	0	0	0	0		
Institutional/Governmental		117	122	123	125	126		
Other		7	7	7	7	7		
Losses		123	136	150	154	156		
	TOTAL	1,785	1,924	2,064	2,096	2,115		

Table 4-3 Retail: Total Water Demands								
	2015	2020	2025	2030	2035	2040 (opt)		
Potable and Raw Water From Tables 4-1 and 4-2	1,044	1,785	1,924	2,064	2,096	2,115		
Recycled Water Demand* From Table 6-4	0	0	0	0	0	0		
TOTAL WATER DEMAND	1,044	1,785	1,924	2,064	2,096	2,115		
*Recycled water demand fields will be blank until Table 6-4 is complete.								

Table 4-4 Retail: 12 Month Water Loss Audit Reporting							
Reporting Period Start Date (mm/yyyy)	Volume of Water Loss*						
01/2014	79						
* Taken from the field "Mater Lesses" /	* Taken from the field "Water Losses" (a combination of apparent						

^{*} Taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet.

Table 4-5 Retail Only: Inclusion in Water Use Projections	
Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) Drop down list (y/n)	Yes
If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, etc utilized in demand projections are found.	Location in UWMP: Section 4.4 of Chapter 4
Are Lower Income Residential Demands Included In Projections? **Drop down list (y/n)**	Yes

	Table 5-1 Baselines and Targets SummaryRetail Agency or Regional Alliance Only									
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target *	Confirmed 2020 Target*					
10-15 year	1999	2008	252	226	201					
5 Year	2004	2008	253							
*All values	*All values are in Gallons per Capita per Day (GPCD)									

	Table 5-2: 2015 Compliance Retail Agency or Regional Alliance Only									
Actual 2015 GPCD*	2015 Interim Target GPCD*	•	tments to 2015 tments not used Economic Adjustment*		TOTAL Adjustments*	Enter From Adjusted 2015 GPCD*	2015 GPCD* (Adjusted if applicable)	Did Supplier Achieve Targeted Reduction for 2015? Y/N		
131	226	0	0	0	0	131	131	Yes		
*All values ar	e in Gallons p	per Capita per Do	ry (GPCD)							

	upplier does not pump groundwater. he supplier will not complete the table below.						
Groundwater Type Drop Down List May use each category multiple times	Location or Basin Name	2011	2012	2013	2014	2015	
Add additional rows as needed	1						
Alluvial Basin	Colusa Sub-basin	1,404	1,553	1,509	1,318	1,044	
	TOTAL	1,404	1,553	1,509	1,318	1,044	

Table 6-2 Retail: W	Vastewater Collected	Within Service Area	in 2015						
	There is no wastewate	r collection system. T	he supplier will not compl	ete the table belo	W.				
	Percentage of 2015 se	rvice area covered by	wastewater collection sys	tem <i>(optional)</i>					
	Percentage of 2015 se	rvice area population o	covered by wastewater co	llection system <i>(o</i>	ptional)				
	Wastewater Collection	1		Recipient of Collected Wastewater					
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated? Drop Down List	Volume of Wastewater Collected from UWMP Service Area 2015	Name of Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is WWTP Located Within UWMP Area? Drop Down List	Is WWTP Operation Contracted to a Third Party? (optional) Drop Down List			
Add additional rows as	needed								
City of Willows	Estimated	579	City of Willows	Willows Wastewater Treatment Plant	No				
Total Wastewater Collected from Service Area in 2015:		579							

V			disposed of wit e the table bel	hin the UWMP ow.	service area.					
							2015 vo	lumes		
Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number (optional)	Method of Disposal Drop down list	Does This Plant Treat Wastewater Generated Outside the Service Area?	Treatment Level	Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area
Add additional re	ows as needed									
				•						
						Total	0	0	0	0

Table 6-4 Retai	l: Current and Projected Recyc	cled Water Direct Beneficial Uses Wi	thin Service Area						
✓	Recycled water is not used and is i	not planned for use within the service ar	rea of the supplier.						
	Γhe supplier will not complete the								
Name of Agency	Producing (Treating) the Recycle	d Water:							
Name of Agency Operating the Recycled Water Distribution System:									
	ater Added in 2015								
Source of 2015 S	Supplemental Water								
В	eneficial Use Type	General Description of 2015 Uses	Level of Treatment Drop down list	2015	2020	2025	2030	2035	2040 (opt)
Agricultural irriga	ation								
Landscape irriga	tion (excludes golf courses)								
Golf course irriga	Golf course irrigation								
Commercial use									
Industrial use									
Geothermal and	other energy production								
Seawater intrusi	on barrier								
Recreational imp	ooundment								
Wetlands or wild	dlife habitat								
Groundwater red	charge (IPR)*								
Surface water au	ugmentation (IPR)*								
Direct potable reuse									
Other	Type of Use								
			Total:	0	0	0	0	0	0
*IPR - Indirect Pote	able Reuse								

Table 6-5 Retail: 2010 UW	Table 6-5 Retail: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual							
V		t used in 2010 nor projected for use mplete the table below.	in 2015.					
Use Type		2010 Projection for 2015	2015 Actual Use					
Agricultural irrigation								
Landscape irrigation (exclude	s golf courses)							
Golf course irrigation								
Commercial use								
Industrial use								
Geothermal and other energy	y production							
Seawater intrusion barrier								
Recreational impoundment								
Wetlands or wildlife habitat								
Groundwater recharge (IPR)								
Surface water augmentation	(IPR)							
Direct potable reuse								
Other	Type of Use							
	Total	0	0					

Table 6-6 Retail: Methods to Expand Future Recycled Water Use								
V	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.							
60	Provide page location of narrative in UWMP							
Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use					
Add additional rows as nee	eded							
		Total	0					

Table 6-7 Retail: Exp	ected Future Water	Supply Projects o	r Programs							
√	No expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.									
	Some or all of the sup in a narrative format.	me or all of the supplier's future water supply projects or programs are not compatible with this table and are described a narrative format.								
	Provide page location	of narrative in the	UWMP							
Name of Future Projects or Programs	Joint Project with other agencies?		Description (if needed)	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Agency				
	Drop Down List (y/n)	If Yes, Agency Name		1601	Drop Down List	This may be a range				
Add additional rows as ne	eeded									

Table 6-8 Retail: Water Supplies — Actual									
Water Supply		2015							
Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool	Additional Detail on Water Supply	Actual Volume	Water Quality Drop Down List	Total Right or Safe Yield (optional)					
Add additional rows as needed									
Groundwater		1,044	Drinking Water						
	Total	1,044		0					

Water Supply		Projected Water Supply Report To the Extent Practicable									
Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool	Additional Detail on Water Supply	2020		20)25	2030		2035		2040 (opt)	
		Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)
Add additional rows as needed											
Groundwater		1,785		1,924		2,064		2,096		2,115	
	Total	1,785		1,924		2,064		2,096		2,115	

Table 7-1 Retail: Basis of Water Year Data								
		Available Supplies if Year Type Repeats						
Year Type	Base Year If not using a calendar year, type in the last year of the fiscal or water year, for example, water year 1999-2000, use 2000		Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location					
		İ	Quantification of available supplies is provided in this table as either volume only, percent only, or both.					
		•	Volume Available	% of Average Supply				
Average Year	1948		2,115	100%				
Single-Dry Year	2013		2,241					
Multiple-Dry Years 1st Year	1975		2,163					
Multiple-Dry Years 2nd Year	1976		2,241					
Multiple-Dry Years 3rd Year	1977		2,186					
Multiple-Dry Years 4th Year Optional								
Multiple-Dry Years 5th Year Optional								
Multiple-Dry Years 6th Year Optional								

Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of Table 7-1 are being used and identify the particular water source that is being reported in each table.

NOTES: Available volumes are the maximum volumes across all forecast years in Tables 7-2, 7-3, and 7-4.

Table 7-2 Retail: Normal	Year Supp	ly and De	mand Com	parison	
	2020	2025	2030	2035	2040 (Opt)
Supply totals (autofill from Table 6-9)	1,785	1,924	2,064	2,096	2,115
Demand totals (autofill from Table 4-3)	1,785	1,924	2,064	2,096	2,115
Difference	0	0	0	0	0

Table 7-3 Retail: Single Dry Year Supply and Demand Comparison									
	2020 2025 2030 2035 2040 (Opt)								
Supply totals	1,890	2,038	2,186	2,220	2,241				
Demand totals	1,890	2,038	2,186	2,220	2,241				
Difference	0	0	0	0	0				

Table 7-4 Reta	ail: Multiple Dry Ye	ars Supply	and Dem	and Comp	arison	
		2020	2025	2030	2035	2040 (Opt)
	Supply totals	1,825	1,968	2,111	2,143	2,163
First year	Demand totals	1,825	1,968	2,111	2,143	2,163
	Difference	0	0	0	0	0
Second year	Supply totals	1,890	2,038	2,186	2,220	2,241
	Demand totals	1,890	2,038	2,186	2,220	2,241
	Difference	0	0	0	0	0
	Supply totals	1,845	1,989	2,134	2,166	2,186
Third year	Demand totals	1,845	1,989	2,134	2,166	2,186
	Difference	0	0	0	0	0
	Supply totals					
Fourth year (optional)	Demand totals					
	Difference	0	0	0	0	0
	Supply totals					
Fifth year (optional)	Demand totals					
	Difference	0	0	0	0	0

Table 8-1 Retail Stages of Water Shortage Contingency Plan				
	Complete Both			
Stage	Percent Supply Reduction Numerical value as a percent (Narrative description)			
Add additional r	ows as needed			
1	Up to 10%	Minimal shortage		
2	Up to 20%	Moderate shortage		
3	Up to 35% Severe shortage			
4	Greater than 35% Critical shortage			
¹ One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.				

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)	Penalty, Charge, or Other Enforcement? Drop Down List
Add additional	rows as needed		
1	Landscape - Limit landscape irrigation to specific days	Limited to no more than 3 days per week	Yes
1	Landscape - Limit landscape irrigation to specific times	Limited to 8 am and 6pm	Yes
1	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Must be repaired within 5 business days	Yes
1	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
1	Landscape - Other landscape restriction or prohibition	Prohibit application of potable water to outdoor landscapes within 48 hours of measurable rainfall.	Yes
1	Other - Require automatic shut off hoses		Yes
1	Other - Prohibit use of potable water for washing hard surfaces		Yes
1	Other	Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated	Yes
2	Landscape - Limit landscape irrigation to specific days	Limited to no more than 3 days per week	Yes

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)	Penalty, Charge, or Other Enforcement? Drop Down List
2	Landscape - Limit landscape irrigation to specific times	Limited to 8 am and 6pm	Yes
2	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Must be repaired within 3 business days	Yes
2	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
2	Landscape - Other landscape restriction or prohibition	Prohibits irrigation of ornamental turf on public street medians with potable water; prohibit application of potable water to outdoor landscapes within 48 hours of measurable rainfall.	Yes
2	CII - Lodging establishment must offer opt out of linen service		Yes
2	CII - Restaurants may only serve water upon request		Yes
2	Other - Require automatic shut off hoses		Yes
2	Other - Prohibit use of potable water for washing hard surfaces		Yes

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)	Penalty, Charge, or Other Enforcement? Drop Down List
2	Other	Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated	Yes
3	Landscape - Limit landscape irrigation to specific days	Limited to no more than 2 days per week	Yes
3	Landscape - Limit landscape irrigation to specific times	Limited to 8 am and 6pm	Yes
3	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Must be repaired within 2 business days	Yes
3	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
3	Landscape - Other landscape restriction or prohibition	Prohibits irrigation of ornamental turf on public street medians with potable water; prohibit application of potable water to outdoor landscapes within 48 hours of measurable rainfall.	Yes
3	CII - Lodging establishment must offer opt out of linen service		Yes
3	CII - Restaurants may only serve water upon request		Yes

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)	Penalty, Charge, or Other Enforcement? Drop Down List
3	Other - Require automatic shut off hoses		Yes
3	Other - Prohibit use of potable water for washing hard surfaces	Prohibits use of potable water for street cleaning with trucks except for initial wash-down for construction purposes if street sweeping is not feasible	Yes
3	Other	Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated	Yes
3	Other - Prohibit use of potable water for construction and dust control	Prohibited unless no other method or source of water can be used	Yes
4	Landscape - Prohibit all landscape irrigation	Prohibited except with hand-held bucket nozzle to maintain trees and shrubs.	Yes
4	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Must be repaired within 1 business day	Yes

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)	Penalty, Charge, or Other Enforcement? Drop Down List
4	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
4	CII - Lodging establishment must offer opt out of linen service		Yes
4	CII - Restaurants may only serve water upon request		Yes
4	Other - Require automatic shut off hoses		Yes
4	Other - Prohibit use of potable water for washing hard surfaces	Prohibits use of potable water for street cleaning with trucks	Yes
4	Other	Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated	Yes
4	Other - Prohibit use of potable water for construction and dust control	No exceptions	Yes

	Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods			
Stage	Consumption Reduction Methods by Water Supplier Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)		
Add additional ro	ows as needed			
2	Expand Public Information Campaign			
2	Offer Water Use Surveys	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.		
2	Provide Rebates or Giveaways of Plumbing Fixtures and Devices	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.		
2	Provide Rebates for Landscape Irrigation Efficiency	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.		
2	Decrease Line Flushing			
2	Reduce System Water Loss			
2	Increase Water Waste Patrols			
2	Other	Mandatory water budgets and banking Water budgets will be based on a customer's consumption during a historical base period and will include a percentage reduction designed to meet necessary water-use reductions.		

Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods			
Stage	Consumption Reduction Methods by Water Supplier Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)	
2	Implement or Modify Drought Rate Structure or Surcharge	Drought surcharges charged to customers for each unit of water used over the established water budget for the billing period. For Stage 2 surcharges are two times the highest residential tier rate, with exceptions discussed in Section 8.3	
3	Expand Public Information Campaign		
3	Offer Water Use Surveys	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.	
3	Provide Rebates or Giveaways of Plumbing Fixtures and Devices	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.	
3	Provide Rebates for Landscape Irrigation Efficiency	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.	
3	Decrease Line Flushing		
3	Reduce System Water Loss		
3	Increase Water Waste Patrols		
3	Other	Mandatory water budgets and banking	
3	Implement or Modify Drought Rate Structure or Surcharge	Drought surcharges charged to customers for each unit of water used over the established	
4	Expand Public Information Campaign		

Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods			
Stage	Consumption Reduction Methods by Water Supplier Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool	Additional Explanation or Reference (optional)	
4	Offer Water Use Surveys	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.	
4	Provide Rebates or Giveaways of Plumbing Fixtures and Devices	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.	
4	Provide Rebates for Landscape Irrigation Efficiency	Offered as part of standard conservation program. Will expand as needed to achieve additional savings.	
4	Decrease Line Flushing		
4	Reduce System Water Loss		
4	Increase Water Waste Patrols		
4	Other	Mandatory water budgets and banking	
4	Other	Mandatory water budgets and banking	
4	Implement or Modify Drought Rate Structure or Surcharge	Drought surcharges charged to customers for each unit of water used over the established water budget for the billing period.	

Table 8-4 Retail: Minimum Supply Next Three Years			
2016 2017 2018			
Available Water Supply	1,825	1,890	1,845

Table 10-1 Retail: Notification to Cities and Counties				
City Name	60 Day Notice	Notice of Public Hearing		
A	Add additional rows as need	led		
City of Willows	>	V		
County Name Drop Down List	60 Day Notice	Notice of Public Hearing		
Add additional rows as needed				
Glenn County	V	Ø		