UWMP Standardized Tables

Redwood Valley District

2015 Urban Water Management Plan Appendix H



Table 2-1 Retail Only: I	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						
4910018	Armstrong Valley Water	268	54						
2110007	Coast Springs Water	250	20						
4900546	Hawkins Water	50	8						
1710005	Lucerne Water	1,190	196						
4900785	Noel Heights	48	7						
4900514	Rancho del Paradiso	58	5						
	TOTAL	1,864	290						

Table 2-2:	Table 2-2: Plan Identification									
Select Only One		Type of Plan	Name of RUWMP or Regional Alliance applicable drop down list	if						
I	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	ency (select one or both)				
	Agency is a wholesaler				
7	Agency is a retailer				
Fiscal or Ca	alendar Year (select one)				
7	UWMP Tables Are in Calendar Years				
	UWMP Tables Are in Fiscal Years				
If Using Fi	scal 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)

Sweetwater Springs Water District

Yolo County Flood Control and Water Conservation District

Table 3-1 Retail: Population - Current and Projected								
Population Served	2015	2020	2025	2030	2035	2040(opt)		
	3,201	3,270	3,321	3,404	3,455	3,539		

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	184			
Multi-Family		Drinking Water	24			
Commercial		Drinking Water	13			
Industrial		Drinking Water	0			
Institutional/Governmental		Drinking Water	3			
Other		Drinking Water	0			
Losses		Drinking Water	66			
		TOTAL	290			

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		264	261	260	261	262
Multi-Family		50	50	52	52	54
Commercial		23	21	21	19	19
Industrial		0	0	0	0	0
Institutional/Governmental		7	7	7	6	6
Other		0	0	0	0	0
Losses		58	61	64	67	69
	TOTAL	403	399	404	405	412

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	290	403	399	404	405	412		
Recycled Water Demand* From Table 6-4	0	0	0	0	0	0		
TOTAL WATER DEMAND	290	403	399	404	405	412		
*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	65					
* Taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet.						

Fable 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 Summary Retail Agency or Regional Alliance Only								
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target *	Confirmed 2020 Target*			
10-15 year	2000	2009	166	161	157			
5 Year	2003	2007	167					
*All values	*All values are in Gallons per Capita per Day (GPCD)							

Table 5-2: 2015 Compliance Retail Agency or Regional Alliance Only								
Actual In 2015 GPCD* T	2015 Interim Target GPCD*	Optional Adjustments to 2015 GPCDEnter"0" for adjustments not usedFromMethodology 8			2015 GPCD*	Did Supplier Achieve Targeted		
		Extraordinary Events*	Economic Adjustment*	Weather Normalization*	TOTAL Adjustments*	Adjusted 2015 GPCD*	(Adjusted if applicable)	Reduction for 2015? Y/N
81	161	0	0	0	0	81	81	Yes
*All values are	e in Gallons p	per Capita per Do	ay (GPCD)					

Table 6-1 Retail: Groundwater Volume Pumped								
	Supplier does not pump groundwater. The 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								
Alluvial Basin	Bodega Bay, Lower Russian River Valley, Long Valley, Santa Rosa Plain Sub-basins	106	108	116	97	90		
	TOTAL	106	108	116	97	90		

Table 6-2 Retail: Wastewater Collected Within Service Area in 2015										
	There is no wastewate	r collection system. Th	ne supplier will not comple	ete the table belov	V.					
	Percentage of 2015 se	rvice area covered by v	wastewater collection syst	em <i>(optional)</i>						
	Percentage of 2015 se	rvice area population o	covered by wastewater col	lection system (or	otional)					
	Wastewater Collection	1		Recipient of Col	lected 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 Santa Rosa	Estimated	3	City of Santa Rosa	Laguna Wastewater Treatment Plant	No					
City of Santa Rosa	Estimated	3	City of Santa Rosa	Santa Rosa Subregional Water Reuse Plant	No					
Lake County Sanitation District	Estimated	107	Lake County Sanitation District	Northwest Regional Wastewater Collection and Treatment System	No					
North Marin Water District	Estimated	4	North Marin Water District	Oceana Marin treatment station	No					
Russian River County Sanitation District	Estimated	20	Russian River County Sanitation District	Guerneville treatment plant	No					
Total Wastewater Collected from Service Area in 2015:		137								

	No wastewate		disposed of wit	hin the UWMP	vice Area in 2015 service area.					
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 Drop down list	Wastewater Treated	2015 vo Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area
Add additional ro	ws as needed									
						Total	0	0	0	0

Table 6-4 Reta	ail: Current and Projected Recy	cled Water Direct Benefi	cial Uses Within Se	rvice Area					
	Recycled water is not used and is The supplier will not complete the		the service area of th	e supplier.					
Name of Agency Producing (Treating) the Recycled Water:									
Name of Agenc	y Operating the Recycled Water Di	istribution System:							
Supplemental V	Vater Added in 2015								
Source of 2015	Supplemental Water								
	Beneficial Use Type	General Description of 2015 Uses	Level of Treatment Drop down list	2015	2020	2025	2030	2035	2040 (opt)
Agricultural irrig	gation								
Landscape irriga	ation (excludes golf courses)								
Golf course irrig	gation								
Commercial use	2								
Industrial use									
Geothermal and	d other energy production								
Seawater intrus	sion barrier								
Recreational im	poundment								
Wetlands or wi	ldlife habitat								
Groundwater re	echarge (IPR)*								
Surface water a	augmentation (IPR)*								
Direct potable r	Direct potable reuse								
Other	Type of Use								
			Total:	0	0	0	0	0	0
*IPR - Indirect Po	table Reuse								

Table 6-5 Retail: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual								
J		t used in 2010 nor projected for use omplete the table below.	e in 2015.					
Use Typ	e	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								
	upplier does not plan to expand recycled water use in the future. Supplier will not complete he table below but will provide narrative explanation.							
61	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	ded							
		Total	0					

Table 6-7 Retail: Exp	Cable 6-7 Retail: Expected Future Water Supply Projects or Programs							
1	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.		r supply projects or progra	ams are not compatib	le with this table a	nd are described		
	Provide page locatior	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 Drop Down List	Expected Increase in Water Supply to Agency		
	Drop Down List (y/n)	If Yes, Agency Name				This may be a range		
Add additional rows as n	eeded							

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					
Purchased or Imported Water		200	Drinking Water		
Groundwater		90	Drinking Water		
	Total	290		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 2025		20)30	2035		2040 (opt)			
		Reasonably Available Volume	Total Right or Safe Yield <i>(optional)</i>	Reasonably Available Volume	Total Right or Safe Yield <i>(optional)</i>	Reasonably Available Volume	Total Right or Safe Yield <i>(optional)</i>	Reasonably Available Volume	Total Right or Safe Yield <i>(optional)</i>	Reasonably Available Volume	Total Right or Safe Yield <i>(optional)</i>
Add additional rows as needed											
Purchased or Imported Water		303		300		304		304		310	
Groundwater		100	0	99	0	100	0	100	0	102	
	Total	403	0	399	0	404	0	405	0	412	0

		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				
		Ţ	Quantification of avail in this table as either v only, or both.	able supplies is provided volume only, percent		
		1	Volume Available	% of Average Supply		
Average Year	1921	412		100%		
Single-Dry Year	2013		434			
Multiple-Dry Years 1st Year	2011		434			
Multiple-Dry Years 2nd Year	2012		409			
Multiple-Dry Years 3rd Year	2013		434			
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 supplier chooses to report the base years for e of Table 7-1, in the "Note" section of each tabl identify the particular water source that is beir	ach water sou e, state that n	urce s nultip	separately. If an agency ple versions of Table 7-	vuses multiple versions		

Table 7-2 Retail: Normal	Table 7-2 Retail: Normal Year Supply and Demand Comparison									
	2020	2025	2030	2035	2040 (Opt)					
Supply totals (autofill from Table 6-9)	403	399	404	405	412					
Demand totals (autofill from Table 4-3)	403	399	404	405	412					
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	425	421	426	427	434				
Demand totals	425	421	426	427	434				
Difference	0	0	0	0	0				

Table 7-4 Reta	ail: Multiple Dry Ye	ars Supply	y and Dem	and Comp	arison	
		2020	2025	2030	2035	2040 (Opt)
	Supply totals	425	421	426	427	434
First year	Demand totals	425	421	426	427	434
	Difference	0	0	0	0	0
	Supply totals	400	396	401	402	409
Second year	Demand totals	400	396	401	402	409
	Difference	0	0	0	0	0
	Supply totals	425	421	426	427	434
Third year	Demand totals	425	421	426	427	434
	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

		Complete Both	
Stage	Percent Supply Reduction ¹ Numerical value as a percent	Water Supply Condition (Narrative description)	
dd additiond	al rows 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	

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 <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>Drop Down List</i>	
Add additiona	l 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 <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>Drop Down List</i>	
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 <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>Drop Down List</i>	
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	

able 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 <i>(optional)</i>	Penalty, Charg or Other Enforcement <i>Drop Down List</i>	
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	

able 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 <i>(optional)</i>	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 Re Stages of W	etail Only: ater Shortage Contingency Plan - Consum	nption 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	rows 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 Ret Stages of Wa	ail Only: ter Shortage Contingency Plan - Consun	nption 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 <i>(optional)</i>
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	

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 <i>(optional)</i>
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	425	400	425

Table 10-1 Retail: Notification to Cities and Counties				
City Name	60 Day Notice	Notice of Public Hearing		
A	dd additional rows as need	led		
City of Santa Rosa	1	7		
County Name Drop Down List	60 Day Notice	Notice of Public Hearing		
Add additional rows as needed				
Marin County	V	V		
Sonoma County	Ū	4		