UWMP Standardized Tables

Antelope Valley District

2015 Urban Water Management Plan Appendix H



Table 2-1 Retail Only: F	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						
1500333	Fremont Valley District	76	14						
1910242	Lake Hughes District	201	41						
1910010	Lancaster District	668	322						
1910243	1910243 Leona Valley District		163						
	TOTAL	1,363	540						

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						
J	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						
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)

Antelope Valley-East Kern Water Agency

Table 3-1 Retail: Population - Current and Projected								
Population Served	2015	2020	2025	2030	2035	2040(opt)		
	3,390	3,483	3,575	3,668	3,761	3,854		

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 Volume Drop down list					
Single Family		Drinking Water	481			
Multi-Family		Drinking Water	1			
Commercial		Drinking Water	28			
Industrial		Drinking Water	0			
Institutional/Governmental		Drinking Water	24			
Other		Drinking Water	0			
Losses		Drinking Water	7			
		TOTAL	541			

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		829	842	863	887	911	
Multi-Family		1	1	1	1	1	
Commercial		44	46	51	54	60	
Industrial		0	0	0	0	0	
Institutional/Governmental		39	41	44	46	48	
Other		0	0	0	0	0	
Losses		55	57	60	62	64	
	968	988	1,019	1,050	1,084		

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	541	968	988	1,019	1,050	1,084		
Recycled Water Demand* From Table 6-4	0	0	0	0	0	0		
TOTAL WATER DEMAND	541	968	988	1,019	1,050	1,084		
*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	55					
* 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 SummaryRetail Agency or Regional Alliance Only								
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target *	Confirmed 2020 Target*			
10-15 year	1996	2005	353	318	282			
5 Year 2003 2007 351								
*All values	are in Gallons p	per Capita per l	Day (GPCD)					

Table 5-2: 2015 Compliance Retail Agency or Regional Alliance Only								
Actual Interin 2015 GPCD* Target	2015 Interim	ινιετησασιομγ 8			2015 GPCD* (Adjusted if	Did Supplier Achieve Targeted		
	Target GPCD* Extraordinary Events*	Economic Adjustment*	Weather Normalization*	TOTAL Adjustments*	Adjusted 2015 GPCD*	(Adjusted IJ applicable)	Reduction for 2015? Y/N	
142	318	0	0	0	0	142	142	Yes
*All values are	e in Gallons p	per Capita per Da	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	Antelope, Acton, Fremont Valleys	863	892	704	649	432	
	TOTAL	863	892	704	649	432	

Table 6-2 Retail: W	/astewater Collected	Within Service Area	in 2015				
	There is no wastewate	r collection system. Th	ne supplier will not comple	te the table below	v.		
	Percentage of 2015 se	rvice area covered by v	wastewater collection system	em <i>(optional)</i>			
	Percentage of 2015 se	rvice area population c	overed by wastewater col	lection system (or	otional)		
	Wastewater Collection	n	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			•			
Los Angeles County Sanitation District	Estimated	179	Los Angeles County Sanitation District	Lancaster Wastewater Reclamation Plant	No		
Los Angeles County Sanitation District	Estimated	22	Los Angeles County Department of Public Works	Lake Hughes Community Wastewater Facility	yes		
	Total Wastewater Collected from Service Area in 2015:			·			

Table 6-3 Ret	ail: Wastewa	ter Treatmen	t and Dischar	ge Within Ser	vice Area in 2015					
		er is treated or vill not complet		thin 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 Drop down list	Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area
Add additional r	ows as needed									
Lake Hughes Community Wastewater Facility	onsite land disposal			Land disposal	Yes	Secondary, Disinfected - 23	25	25	0	0
						Total	25	25	0	0

Table 6-4 Reta	Table 6-4 Retail: Current and Projected Recycled Water Direct Beneficial Uses Within Service Area									
<u> </u>	Recycled water is not used and is r The supplier will not complete the	not planned for use within the service ar table below.	rea of the supplier.							
Name of Agenc	y Producing (Treating) the Recycled	d Water:								
Name of Agenc	y Operating the Recycled Water Dis	stribution 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 irri	gation									
Landscape irrig	ation (excludes golf courses)									
Golf course irrig	Solf course irrigation									
Commercial use	e									
Industrial use										
Geothermal and	d other energy production									
Seawater intrus	sion barrier									
Recreational im	npoundment									
Wetlands or wi	ldlife habitat									
Groundwater re	-									
	augmentation (IPR)*									
Direct potable reuse										
Other	Type of Use									
			Total:	0	0	0	0	0	0	
*IPR - Indirect Po	table 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 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	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								
U	Supplier does not plan to expand recycled water use in the future. Supplier will not complete he table below but will provide narrative explanation.							
65	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							
	1	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	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 <i>(optional)</i>	
Add additional rows as needed					
Purchased or Imported Water		109	Drinking Water		
Groundwater		432	Drinking Water		
	Total	541		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	2030		30 2)35	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 of Safe Yield <i>(optional)</i>
Add additional rows as needed											
Purchased or Imported Water		134		159		184		208.55		234	
Groundwater		834		829		835		840.45		849	
	Total	968	0	988	0	1,019	0	1,049	0	1,083	0

	Base Year	Available Supplies if Year Type Repeats			
	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 avail compatible with this ta elsewhere in the UWN Location	able and is provided	
			Quantification of available supplies is provid in this table as either volume only, percent only, or both.		
		١	Volume Available	% of Average Supply	
verage Year	1986	1,084		100%	
ingle-Dry Year	1990		1,165		
Aultiple-Dry Years 1st Year	1988	1,117			
/lultiple-Dry Years 2nd Year	1989		1,162		
Aultiple-Dry Years 3rd Year	1990		1,165		
Aultiple-Dry Years 4th Year Optional					
Aultiple-Dry Years 5th Year Optional					
Aultiple-Dry Years 6th Year Optional					
Agency may use multiple versions of Table 7-1 upplier chooses to report the base years for e of Table 7-1, in the "Note" section of each table dentify the particular water source that is bein	each water sou e, state that n	urce s nultip	separately. If an agency ple versions of Table 7-	uses 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)	968	988	1,019	1,050	1,084				
Demand totals (autofill from Table 4-3)	968	988	1,019	1,050	1,084				
Difference	0	0	0	0	0				

Table 7-3 Retail: Sing	Table 7-3 Retail: Single Dry Year Supply and Demand Comparison									
	2020	020 2025 2030 2035 2040 (Opt)								
Supply totals	1,040	1,062	1,095	1,128	1,164					
Demand totals	1,040	1,062	1,095	1,128	1,164					
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	998	1,019	1,050	1,082	1,117
First year	Demand totals	998	1,019	1,050	1,082	1,117
	Difference	0	0	0	0	0
Second year	Supply totals	1,038	1,059	1,092	1,125	1,162
	Demand totals	1,038	1,059	1,092	1,125	1,162
	Difference	0	0	0	0	0
	Supply totals	1,041	1,062	1,095	1,128	1,165
Third year	Demand totals	1,041	1,062	1,095	1,128	1,165
	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 Reduction1Water Supply ConditionNumerical value as a percent(Narrative description)		
Add additiona	rows as needed		
	numerical value as percent	narrative description	
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 (optional)		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>
dd additiond	ıl rows as needed		
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? Drop Down List	
Add additional	rows as needed			
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	

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses				
StageRestrictions 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			
3	CII - Restaurants may only serve water upon request		Yes	
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	

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? Drop Down List	
Add additiona	l rows as needed			
4	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Must be repaired within 1 business day	Yes	
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 - 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 <i>(optional)</i>
Add additional r	rows as needed	
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 (optional)	
dd additiona	l rows as needed		
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	
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	998	1,038	1,041

Table 10-1 Retail: Notification to Cities and Counties					
City Name	60 Day Notice	Notice of Public Hearing			
Д	dd additional rows as neec	led			
County Name Drop Down List	60 Day Notice	Notice of Public Hearing			
A	Add additional rows as needed				
Los Angeles County	7	V			
Kern County		V			
NOTES: Antelope Valley District does not provide water service to a city.					