## **UWMP Standardized Tables**

**Chico-Hamilton City 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							
410002	Chico	27,775	17,864							
1110002 Hamilton City		631	363							
	TOTAL	28,406	18,227							

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

Table 2-3	Table 2-3: Agency Identification						
Type of Ag	gency (select one or both)						
	Agency is a wholesaler						
<b>\</b>	Agency is a retailer						
Fiscal or Ca	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)

Chico-Hamilton City District does not derive any of its water supply from a wholesale water supplier.

Table 3-1 Retail: Population - Current and Projected								
Population	2015	2020	2025	2030	2035	2040(opt)		
Served	102,155	112,337	122,902	129,856	137,250	145,113		

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	9,663			
Multi-Family		Drinking Water	2,495			
Commercial		Drinking Water	3,688			
Industrial		Drinking Water	398			
Institutional/Governmental		Drinking Water	815			
Other		Drinking Water	28			
Losses		Drinking Water	1,140			
		TOTAL	18,227			

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		17,846	19,908	20,998	22,170	23,412	
Multi-Family		3,219	3,439	3,707	4,003	4,330	
Commercial		4,640	4,821	5,095	5,364	5,648	
Industrial		362	367	373	378	383	
Institutional/Governmental		1,066	1,080	1,100	1,119	1,139	
Other		27	27	27	28	28	
Losses		2,237	2,519	2,682	2,853	3,034	
	TOTAL	29,397	32,162	33,981	35,916	37,974	

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	18,227	29,397	32,162	33,981	35,916	37,974		
Recycled Water Demand* From Table 6-4	0	0	0	0	0	0		
TOTAL WATER DEMAND	18,227	29,397	32,162	33,981	35,916	37,974		
*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	1,119						
* Taken from the field "Water Losses" (a combination of apparent							

<sup>\*</sup> 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 Summary Retail Agency or Regional Alliance Only									
Baseline Period Start Year End Year Baseline GPCD*  Average Baseline GPCD*  Confirmed 2020 Target*									
10-15 year	1999	2008	292	263	234				
5 Year	5 Year 2004 2008 294								
*All values	are in Gallons p	er Capita per I	Day (GPCD)						

	Table 5-2: 2015 Compliance         Retail Agency or Regional Alliance Only									
Actual 2015 Interim 2015 GPCD* Target GPCD*  Extraordinary Events*  Optional Adjustments to 2015 GPCD  "0" for adjustments not used  Methodology 8  Extraordinary Economic Adjustment* Normalization*  TOTAL Adjusted 2015 GPCD*						2015 GPCD* (Adjusted if applicable)	Did Supplier Achieve Targeted Reduction for 2015? Y/N			
159	263	0	0	0	0	159	159	Yes		
*All values ar	e in Gallons p	per Capita per Da	y (GPCD)							

Table 6-1 Retail: Groundwater Volume Pumped								
		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								
Alluvial Basin	Chico (Vina, West Butte, East Butte Subbasins)	25,345	26,486	27,006	23,139	17,864		
Alluvial Basin Hamilton (Corning Subbasin)		484	472	440	405	363		
	TOTAL	25,828	26,958	27,446	23,544	18,227		

Table 6-2 Retail: W	Table 6-2 Retail: Wastewater Collected Within Service Area in 2015										
	There is no wastewate	r collection system. Th	e supplier will not comple	te the table belov	v.						
	Percentage of 2015 se	rvice area covered by w	vastewater collection syst	em <i>(optional)</i>							
Percentage of 2015 service area population covered by wastewater collection system (optional)											
	Wastewater Collection	n		Recipient of Coll	ected 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 Chico	Estimated	9,818	City of Chico	Chico Water Pollution Control Plant	No						
Hamilton City Community Services District	Estimated	200	Hamilton City Community Services District	Hamilton City CSD water treatment facility	No						
Total Wastewater Collected from Service Area in 2015:		10,018									

Table 6-3 Reta	ail: Wastewat	ter Treatmen	t and Dischar	ge Within Serv	vice Area in 2015					
<b> </b> √	No wastewater is treated or disposed of within the UWMP service area.  The supplier will not complete the table below.									
								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 ro	ws as needed									
						Total	0	0	0	0

Table 6-4 Reta	il: Current and Projected Recy	cled Water Direct Beneficia	l Uses Within Service	e Area					
Recycled water is not used and is not planned for use within the service area of the supplier.  The supplier will not complete the table below.									
Name of Agency	y Producing (Treating) the Recycle	d Water:							
	y Operating the Recycled Water Di								
	Vater Added in 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	ation								
Commercial use									
Industrial use									
Geothermal and	d other energy production								
Seawater intrus	ion barrier								
Recreational im	poundment								
Wetlands or wil	dlife habitat								
Groundwater re	echarge (IPR)*								
Surface water a	ugmentation (IPR)*								
Direct potable r	euse								
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							
Ø		was not used in 2010 nor projected for use in 2015. Il not complete the table below.						
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								
	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.							
62	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							
	Tota							

Table 6-7 Retail: Exp	ected Future Water	Supply Projects o	or 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.	ne or all of the supplier's future water supply projects or programs are not compatible with this table and are described 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 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 needed									

Table 6-8 Retail: Water Supplies – 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				
Add additional rows as needed					
Groundwater		18,227	Drinking Water		
	Total	18,227		0	

Table 6-9 Retail: Water Supplies — Projected											
Water Supply	Additional Detail on 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			2020 2025		)25	20	030		35	<b>2040</b> (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		29,397		32,162		33,981		35,916		37,974	
	29,397		32,162		33,981		35,916		37,974		

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 compatible with this table and is provelsewhere in the UWMP.  Location						
			Quantification of available supplies is proving this table as either volume only, percentionly, or both.						
		•	Volume Available	% of Average Supply					
Average Year	1992		37,974	100%					
Single-Dry Year	2013		41,309						
Multiple-Dry Years 1st Year	2013		41,309						
Multiple-Dry Years 2nd Year	2014		37,230						
Multiple-Dry Years 3rd Year	2015		41,309						
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 Supply and Demand Comparison									
	2020	2025	2030	2035	2040 (Opt)				
Supply totals (autofill from Table 6-9)	29,397	32,162	33,981	35,916	37,974				
Demand totals (autofill from Table 4-3)	29,397	32,162	33,981	35,916	37,974				
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	31,978	34,986	36,965	39,070	41,309				
Demand totals	31,978	34,986	36,965	39,070	41,309				
Difference	0	0	0	0	0				

Table 7-4 Reta	il: Multiple Dry Ye	ars Supply	, and Dem	and Comp	arison	
		2020	2025	2030	2035	2040 (Opt)
	Supply totals	31,978	34,986	36,965	39,070	41,309
First year	Demand totals	31,978	34,986	36,965	39,070	41,309
	Difference	0	0	0	0	0
	Supply totals	28,821	31,532	33,316	35,213	37,230
Second year	Demand totals	28,821	31,532	33,316	35,213	37,230
	Difference	0	0	0	0	0
	Supply totals	31,978	34,986	36,965	39,070	41,309
Third year	Demand totals	31,978	34,986	36,965	39,070	41,309
	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  Percent  Water Supply Condition  (Narrative description)		
Add additional r	ows as needed		
1	Up to 10%	Minimal shortage	
2	Up to 20%	Moderate shortage	
3	Up to 35%	35% Severe shortage	
4	Greater than 35% Critical shortage		
<sup>1</sup> 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 <b>Drop down list</b> 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 additiona	rows as needed	•	
1	Landscape - Limit landscape irrigation to specific days	Limited to no more than 3	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	Yes
1	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
1	Landscape - Other landscape restriction or prohibition	Prohibit application of po	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 I	Yes
2	Landscape - Limit landscape irrigation to specific days	Limited to no more than 3	Yes
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	Yes
2	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
2	Landscape - Other landscape restriction or prohibition	Prohibits irrigation of orn	Yes

Гable 8-2 R	etail Only: Restrictions and Prohibitions on End Uses	:	
Stage	Restrictions and Prohibitions on End Users <b>Drop down list</b> 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	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
2	Other	Limits filling ornamental I	Yes
3	Landscape - Limit landscape irrigation to specific days	Limited to no more than 2	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	Yes
3	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
3	Landscape - Other landscape restriction or prohibition	Prohibits irrigation of orn	Yes
3	CII - Lodging establishment must offer opt out of linen service		Yes
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 v	Yes
3	Other	Limits filling ornamental I	Yes
3	Other - Prohibit use of potable water for construction and dust control	Prohibited unless no other	
4	Landscape - Prohibit all landscape irrigation	Prohibited except with ha	Yes

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses			
Stage	Restrictions and Prohibitions on End Users <b>Drop down list</b> 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	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Must be repaired within 1	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 w	Yes
4	Other	Limits filling ornamental l	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 <b>Drop down list</b> 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.		

NOTES: The actions included may be implemented through a combination of Rule 14.1 and Schedule 14.1 and would be evaluated based on specific need.

Table 8-4 Retail: Minimum Supply Next Three Years			
	2016	2017	2018
Available Water Supply	31,978	28,821	31,978

Table 10-1 Retail: Notification to Cities and Counties			
City Name	60 Day Notice	Notice of Public Hearing	
Add	l additional rows as needed	1	
City of Chico	<b>V</b>	V	
City of Hamilton City	<b>V</b>	N	
County Name  Drop Down List	60 Day Notice	Notice of Public Hearing	
Add additional rows as needed			
Butte County	<b>V</b>	V	