

Calculation of Urban Water Supplier's Conservation Standard Supply Reliability for Three Additional Years of Drought			
<b>Step 1: Determine Total Potable Water Demand (used in Step 3)</b>			
Potable Water Production in Calendar Year 2013	10622.78		MG
Potable Water Production in Calendar Year 2014	9673.28		MG
Total Potable Water Demand	10148.03		MG
<i>= ([Potable Water Production 2013]+[Potable Water Production 2014])/2</i>			
<b>Step 2: Calculate Total Potable Water Supply</b>			
Potable Water Supply	Year 1	Year 2	Year 3
Local Surface Water (million gallons)	N/A	N/A	N/A
Imported Water (million gallons)	N/A	N/A	N/A
Groundwater (million gallons)	26885	26885	26885
Total Potable Water Supply (million gallons)	26885	26885	26885
<i>= [Local Surface Water]+[Imported Water]+[Groundwater]</i>			
<b>Step 3: Calculate Conservation Standard</b>			
Total Potable Water Demand (from Step 1)	10148.03		MG
Total Potable Water Supply (from Step 2)	26885		MG
<b>Supply Shortfall in Year 3</b> (negative amount indicates a surplus)			
<i>= [Total Potable Water Demand]-[Total Potable Water Supply]</i>	-16736.97		MG
<b>Conservation Standard with Self-Certification of Supply Reliability</b>			
<i>=[Shortfall in Year 3] / [Total Potable Water Demand]</i>			<b>0%</b>

## Step 2 of Water Supply Reliability Certification and Data Submission Form

<< Enter name of urban water supplier

### User Input Instructions

- (1) Please select units of measure from the dropdown menu.
- (2) Enter information on available water supplies and supplies committed to other uses.

### LEGEND:

User Input or Selection	
Linked from User Input	

<< Select units of measure

### Available Water Supplies

Sources of Supply	Name of Provider(s) or Description	Source used in prior years?	Water Available in			Wholesaler information Direct Web Link	Wholesaler Water System Number**
			WY 2017 *	WY 2018 *	WY 2019		
<b>WHOLESALER SUPPLIED</b> >> Provide direct web link(s) to information on the volume of water the wholesaler expects to deliver to the retailer water supplier in each year.							
Wholesaler 1		Select Y/N					
Wholesaler 2		Select Y/N					
Wholesaler 3		Select Y/N					
Wholesaler 4		Select Y/N					
Wholesaler 5		Select Y/N					
<b>SELF-SUPPLIED</b>							
Water Recycling (potable)		Select Y/N					
Surface water: SWP		Select Y/N					
Surface water: CVP		Select Y/N					
Surface water: Colorado River		Select Y/N					
Surface water: other (describe)		Select Y/N					
Surface water: other (describe)		Select Y/N					
Local Groundwater	Well Production	Yes	26,885.0	26,885.0	26,885.0		<< Complete groundwater tab
Seawater Desalination		Select Y/N					
Transfers		Select Y/N					
Exchanges		Select Y/N					
Other (describe):		Select Y/N					<< To add more self-supplied sources, insert as many rows
SUBTOTAL of available supplies (in units selected)			26,885.0	26,885.0	26,885.0		

\* Any carryover from one year is incorporated in the supply of the following year, as legally allowed.

\*\* Look up Water system number at this link: <https://sdwis.waterboards.ca.gov/PDWW/>

Rows can be inserted to account for other sources of supply (e.g., desalination of brackish water, banked water)

If a source has not been used in prior years, e.g., a new treatment facility will be constructed, supporting documentation must document when the new source will be fully implemented.

### Water Supplies Committed to Other Uses (Not Available)

Other Uses	Describe	Quantity in WY 2017	Quantity in WY 2018	Quantity in WY 2019
Agriculture				
Commercial, industrial or institutional				
New residential customers				

Transfers				
Other:				
Other:				
SUBTOTAL of supplies not available (in units selected)		-	-	-

TOTAL available water supply (in units selected)	26,885.0	26,885.0	26,885.0
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*(Subtotal of available supplies minus subtotal of supplies committed to other uses)*

**>>> Please enter values calculated below in Step 2 of the online form**

TOTAL available water supply converted to acre feet	82,507	82,507	82,507
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*>> If error, verify you have selected units of measure*

**California Water Service - Visalia  
Supporting Analysis and Calculations**

Well ID	Design Flow (GPM)	Mgals
1	700	294
2	800	336
3	700	294
4	525	221
5	600	252
6	450	189
7	700	294
8	800	336
9	1500	631
10	1000	420
11	600	252
12	850	357
13	850	357
14	800	336
15	850	357
16	900	378
17	800	336
18	1000	420
19	800	336
20	300	126
21	650	273
22	300	126
23	200	84
24	900	378
25	675	284
26	650	273
27	700	294
28	750	315
29	870	366
30	1100	463
31	550	231
32	860	362
33	850	357
34	700	294
35	1000	420
36	1000	420
37	1000	420
38	550	231
39	350	147
40	575	242
41	1300	547
42	400	168

**California Water Service - Visalia  
Supporting Analysis and Calculations**

Well ID	Design Flow (GPM)	Mgals
43	400	168
44	400	168
45	300	126
46	350	147
47	940	395
48	1200	505
49	400	168
50	400	168
51	1100	463
52	320	135
53	475	200
54	1100	463
55	1000	420
56	1200	505
57	450	189
58	1000	420
59	1000	420
60	1200	505
61	900	378
62	1000	420
63	950	399
64	1900	799
65	700	294
66	400	168
67	900	378
68	1200	505
69	1400	589
70	2000	841
71	2000	841
72	2000	841
73	2000	841
74	350	147
75	350	147
76	600	252
77	600	252
	<b>Total</b>	<b>26885</b>

**Groundwater Supply Notes**

We project that 26,885 million gallons (MG) will be available annually from groundwater sources in 2017, 2018, and 2019. This is a conservative figure based on 80% of the capacity of currently active wells run 24 hours a day, 7 days a week.