

Worksheet 1 : Total available water supply for individual water supplier

Step 2 of Water Supply Reliability Certification and Data Submission Form

Clovis City of << 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	

acre feet (AF) << 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	Wholesaler Water System Number**
			WY 2017 *	WY 2018 *	WY 2019	Direct Web Link	
WHOLESALER SUPPLIED >> 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					
SELF-SUPPLIED							
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)	Kings River allocation from Fresno Irrigation	Yes	18,580.0	16,066.9	7,508.5		
Surface water: other (describe)		Select Y/N					
Local Groundwater	Tulare Lake - 5-22.08	Yes	22,477.0	22,477.0	22,477.0		<< Complete groundwater tab
Seawater Desalination		Select Y/N					
Transfers		Select Y/N					
Exchanges		Select Y/N					
Other (describe):	Waldron & Boswell Banking	No	15,677.0	10,049.0	11,222.0		<< To add more self-supplied sources, insert as many rows
SUBTOTAL of available supplies (in units selected)			56,734.0	48,592.9	41,207.5		

* 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/PDWWW/>

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)	56,734.0	48,592.9	41,207.5
--	----------	----------	----------

(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	56,734	48,593	41,207
--	---------------	---------------	---------------

>> If error, verify you have selected units of measure

If using local groundwater sources, answer questions below

Complete only if relying on local groundwater for a portion of supply (not brackish groundwater desalination or banking)

Do you know the volume of water in the aquifer that is in your source(s) of groundwater?

Pick one:

Optional notes and comments:

How frequently are groundwater elevations monitored?

Pick one:

Optional notes and comments:

At what depth is/was your water table? (in feet) Do not average values for multiple basins, management zones, or wells.
If there are multiple wells, enter the depth for the source where the largest portion of supply comes from; itemize information in the notes or supp

In June 2016 feet

In June 2013 feet

Optional notes and comments:

How many feet can you withdraw without substantially affecting your ability to pump water? (in feet)

If there are multiple wells, enter the depth for the source where the largest portion of supply comes from as a representative well; provide additio

42+ feet

Optional notes and comments:

It may be much more than 42 feet but at that level we would need to perhaps do some modification of Well 28.

Do you have groundwater that you expect to sell or distribute to another water supplier that is not accounted for in your calculations?

Pick one:

No

Describe:

>>> Thank you.



Supporting documentation.

nal information in the notes or supporting documentation.

Average Annual Feb Depth

Well	Date SWL	SWL	Well	Date SWL	SWL
02A	2/18/2016	148.75	02A	2/22/2013	140
03	2/18/2016	138	03	2/22/2013	132.25
04AA	2/17/2016	144.5	04AA	2/21/2013	143
05A	2/18/2016	154	05A	2/21/2013	146.75
07A	2/18/2016	163.5			
08A	2/18/2016	176	08A	2/22/2013	170
10	2/17/2016	140	10	2/21/2013	137.5
11	2/19/2016	135.5	11	2/22/2013	157
12	2/19/2016	157.25	12	2/21/2013	154
15A	2/19/2016	160.5	15A	2/21/2013	154.5
16	2/18/2016	135	16	2/22/2013	166
17	2/19/2016	149	17	2/21/2013	145
18	2/19/2016	132	18	2/21/2013	127.75
20	2/18/2016	108	20	2/22/2013	109.5
21	2/18/2016	173	21	2/20/2013	167
22	2/16/2016	173.75	22	2/21/2013	152
23	2/16/2016	163	23	2/21/2013	151.75
24	2/18/2016	146	24	2/21/2013	127
27	2/18/2016	180			
28	2/19/2016	165	28	2/22/2013	156.75
29	2/19/2016	144	29	2/21/2013	139
30	2/16/2016	114.5	30	2/20/2013	105.25
31	2/18/2016	69.5	31	2/20/2013	66
32	2/19/2016	153	32	2/22/2013	147.5
33	2/16/2016	78	33	2/20/2013	71
34	2/16/2016	196.5	34	2/20/2013	173
36	2/16/2016	181	36	2/20/2013	170.5
37	2/18/2016	168	37	2/21/2013	158.5
38	2/18/2016	171	38	2/21/2013	166
39	2/18/2016	175.75	39	2/20/2013	166.5
40	2/19/2016	153	40	2/22/2013	159.5
41	2/16/2016	180	41	2/21/2013	165
42	2/17/2016	141.5	42	2/21/2013	138
43	2/19/2016	146.75	43	2/22/2013	139
T-01	2/19/2016	133.5	T-01	2/21/2013	132
T-02	2/19/2016	130.75	T-02	2/20/2013	131.5
T-05	2/19/2016	130.25	T-05	2/20/2013	133.75
T-06	2/19/2016	132	T-06	2/20/2013	131.5
T-07	2/19/2016	131.75	T-07	2/21/2013	128
T-08	2/19/2016	138	T-08	2/21/2013	136.25
Min		69.5			66
Max		196.5			173
Average		147.8			142.0
Average of Wells on					
Both		146.5263			141.9868
Change			-4.53947		

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Clovis FID Acreage	10842	11006	11382	11403	11548	11871	12096.8	12322.6	12548.4	12774.2	13000
Change in acreage		164	376	21	145	323	225.8	225.8	225.8	225.8	225.8
Total FID Acreage Receiving Water	200269	200725	201041	201100	201545	201862	201862	201862	201862	201862	201862
FID Kings Entitlement	417475	494071	283951	304368	258463	118651	452000	304368	258463	118651	452000
FID Supply*	22,601	27,091	16,076	17,259	14,809	6,978	27,087	18,580	16,067	7,508	29,109
Waldron & Boswell Banking**	9000	9000	15068	15677	10049	11222	11377.9	15677	10049	11222	11222
Surface water supply	31,601	36,091	31,144	32,936	24,858	18,200	38,464	34,257	26,116	18,730	40,331
Multiple Dry Demands Potable	24,735	23,933	26,111	27,123	25,069	20,030	27,478	26,096	26,096	26,096	22,997
Groundwater Available***	22,477	22,477	22,477	22,477	22,477	22,477	22,477	22,477	22,477	22,477	22,477
Surface water supply + groundwater available	54,078	58,568	53,621	55,413	47,336	40,677	60,942	56,734	48,593	41,208	62,808

* FID Supply is calculated at the total FID Kings River entitlement multiplied by the City area within the District divided by the total acreage in the District receiving water.

** The Waldron and Boswell banking facilities have been in operation for many years. The City has first right to use the water but has not had the need to use the water yet.

*** Groundwater available is calculated as the amount produced in 2007.

Clovis Production

CLOVIS WATER PRODUCTION (MG) Year 2007													
Well #	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2A	0.000	0.000	16.699	3.886	13.315	20.443	26.582	15.893	5.827	1.440	3.016	5.540	112.641
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4AA	0.000	1.100	0.192	3.407	11.722	24.765	27.260	37.021	24.081	12.317	7.500	3.635	153.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.334	0.000	36.605	39.282	35.291	20.404	26.128	0.181	6.847	0.048	165.120
8A	34.897	15.217	18.405	43.321	55.255	54.294	47.088	59.074	30.351	36.953	20.312	16.755	431.922
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.492	7.875	16.838	14.832	16.716	3.954	1.861	1.209	0.282	64.059
11	35.248	36.964	44.847	38.140	41.036	40.527	39.034	38.246	37.844	37.421	35.535	39.430	464.272
12	13.224	8.357	17.540	14.903	29.178	24.401	23.543	27.542	29.583	21.574	9.328	10.489	229.662
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15A	1.625	2.187	5.291	3.281	9.288	26.140	24.790	50.356	40.983	2.937	18.022	4.083	188.983
16	0.000	0.000	0.000	11.412	29.105	11.559	0.000	0.000	0.000	0.000	0.000	0.000	52.076
17	4.269	1.508	0.000	0.000	15.000	41.040	40.390	45.232	16.005	9.335	5.126	2.593	180.498
18	0.724	0.335	0.628	0.633	1.162	16.246	16.647	15.754	8.262	4.232	5.539	4.162	74.324
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21	0.000	2.056	28.026	36.463	39.397	28.899	24.252	24.616	17.698	15.213	28.500	12.648	257.768
22	0.154	0.000	2.050	3.919	9.387	24.983	23.444	23.750	22.537	19.837	22.549	25.581	178.191
23	7.329	5.605	10.388	6.580	0.314	3.976	4.011	4.127	2.759	1.541	4.022	4.386	55.038
24	9.377	8.465	18.346	7.710	12.866	24.467	30.632	31.933	15.167	8.990	13.130	0.039	181.122
25	0.012	0.688	0.083	21.945	29.323	26.193	29.913	28.936	22.682	23.654	7.256	12.390	203.075
26	57.991	48.966	33.728	16.381	26.451	35.974	35.410	38.136	26.860	26.364	45.205	31.086	422.552
27	1.608	24.780	24.930	12.875	31.357	29.668	34.980	26.615	25.457	28.471	26.819	24.662	292.222
28	39.402	0.000	28.484	67.840	59.186	65.442	71.313	70.232	71.183	74.691	66.517	0.039	614.329
29	6.134	4.935	11.271	15.640	29.900	15.486	13.295	9.326	7.421	12.750	12.765	9.405	148.328
30	1.543	2.428	0.895	1.307	18.400	25.064	24.300	21.242	19.365	19.258	24.105	31.308	189.215
31	1.139	3.334	11.726	5.124	7.788	8.776	7.106	5.157	6.034	1.929	8.872	6.237	73.222
32	0.058	0.000	0.000	6.961	41.253	52.908	58.905	57.790	12.786	1.765	5.271	3.921	241.618
33	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34	5.254	3.221	1.286	11.119	51.035	45.167	47.925	51.314	41.787	10.987	27.279	6.992	303.366
36	0.137	0.552	0.236	0.345	24.874	40.052	46.972	43.681	45.568	1.312	0.440	41.230	245.399
37	26.786	27.368	61.032	53.191	50.849	40.590	47.601	45.155	39.240	44.363	47.457	50.278	533.910
38	1.170	3.362	2.865	0.532	14.657	34.647	42.000	20.350	36.501	19.930	8.169	5.197	189.380
40	0.000	0.000	0.000	0.000	0.000	0.165	0.546	1.713	2.948	1.692	0.996	0.938	8.998
41	0.000	0.000	0.000	0.000	0.020	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.038
42	0.000	0.000	4.325	35.140	32.359	46.139	52.358	49.056	74.788	25.905	17.543	9.295	346.908
43						15.590	15.240	13.788	45.966	37.005	21.103	10.438	159.130
T-5	0.025	0.000	0.280	19.358	24.283	22.075	29.056	24.449	25.650	23.496	24.669	24.290	217.631
SWTP	116.235	100.344	145.242	142.265	164.150	173.879	204.253	192.162	185.937	187.585	0.000	0.000	1612.051
Clovis Tot.	364.341	301.772	489.129	584.170	917.390	1075.675	1138.987	1109.766	971.352	714.989	525.101	397.377	8590.048
T-1	0.000	0.000	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.011
T-2	0.024	0.003	0.013	0.000	0.000	0.026	0.000	0.000	0.000	0.034	0.000	0.000	0.100
T-3	0.000	0.000	4.127	15.640	11.609	15.506	31.146	8.682	6.298	2.143	1.529	1.690	98.370
T-6	8.938	3.672	3.824	5.311	15.958	13.772	21.732	18.781	14.130	4.259	9.100	8.089	127.566
T-7	16.687	5.012	6.732	5.859	17.849	19.291	8.357	0.000	0.000	10.059	0.000	0.000	89.846
T-8	0.006	0.000	0.000	0.000	0.000	0.000	0.000	12.864	12.635	3.496	0.767	0.118	29.886
Tarpey Tot.	25.655	8.687	14.696	26.810	45.416	48.606	61.235	40.327	33.063	19.991	11.396	9.897	345.779
GW Total	273.761	210.115	358.583	468.715	798.656	950.402	995.969	957.931	818.478	547.395	536.497	407.274	7323.776
Total	389.996	310.459	503.825	610.980	962.806	1124.281	1200.222	1150.093	1004.415	734.980	536.497	407.274	8935.827

22477.375
27424.916