Crestline Village Water District
Change in Water Production - Cubic Feet
2013 vs 2017

2017 Production	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	1,381,209	-	-	-	-	-	8,469,806
CLAWA	1,388,503	950,936	701,884	647,139	818,102	1,332,701	1,820,321	-	-	-	-	-	7,659,586
Total	2,167,123	1,849,228	2,007,396	1,924,679	2,377,572	2,601,864	3,201,530	-	-	-	-	-	16,129,392
2017 Cummulative													
Wells	778,620	1,676,912	2,982,424	4,259,964	5,819,434	7,088,597	8,469,806	-	-	-	-	-	
CLAWA	1,388,503	2,339,439	3,041,323	3,688,462	4,506,564	5,839,265	7,659,586	-	-	-	-	-	
Total	2,167,123	4,016,351	6,023,747	7,948,426	10,325,998	12,927,862	16,129,392	-	-	-	-	-	
2013 Production													
Wells	1,892,667	1,416,423	1,570,947	1,427,183	1,498,424	1,506,235	1,372,567	1,350,287	1,330,182	1,210,928	1,344,261	1,168,307	17,088,411
CLAWA	1,026,069	378,743	606,417	878,490	1,119,532	1,641,898	2,091,243	1,889,105	1,991,017	1,541,056	1,111,284	1,081,043	15,355,897
Total	2,918,736	1,795,166	2,177,364	2,305,673	2,617,956	3,148,133	3,463,810	3,239,392	3,321,199	2,751,984	2,455,545	2,249,350	32,444,308
2013 Cummulative													
Wells	1,892,667	3,309,090	4,880,037	6,307,220	7,805,644	9,311,879	10,684,446	12,034,733	13,364,915	14,575,843	15,920,104	17,088,411	
CLAWA	1,026,069	1,404,812	2,011,229	2,889,719	4,009,251	5,651,149	7,742,392	9,631,497	11,622,514	13,163,570	14,274,854	15,355,897	
Total	2,918,736	4,713,902	6,891,266	9,196,939	11,814,895	14,963,028	18,426,838	21,666,230	24,987,429	27,739,413	30,194,958	32,444,308	
Change in Production													
Wells	(1,114,047)	(518,131)	(265,435)	(149,643)	61,046	(237,072)	8,642	-	-	-	-	-	
CLAWA	362,434	572,193	95,467	(231,351)	(301,430)	(309,197)	(270,922)	-	-	-	-	-	
Total	**(751,613)**	**54,062**	**(169,968)**	**(380,994)**	**(240,384)**	**(546,269)**	**(262,280)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**(17.25)**	**1.24**	**(3.90)**	**(8.75)**	**(5.52)**	**(12.54)**	**(6.02)**	**-**	**-**	**-**	**-**	**-**	
% Change													
Wells	-58.86%	-36.58%	-16.90%	-10.49%	4.07%	-15.74%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%	
CLAWA	35.32%	151.08%	15.74%	-26.34%	-26.92%	-18.83%	-12.96%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**-25.75%**	**3.01%**	**-7.81%**	**-16.52%**	**-9.18%**	**-17.35%**	**-7.57%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	
Cummulative Change													
Wells	(1,114,047)	(1,632,178)	(1,897,613)	(2,047,256)	(1,986,210)	(2,223,282)	(2,214,640)	-	-	-	-	-	
CLAWA	362,434	934,627	1,030,094	798,743	497,313	188,116	(82,806)	-	-	-	-	-	
Total	**(751,613)**	**(697,551)**	**(867,519)**	**(1,248,513)**	**(1,488,897)**	**(2,035,166)**	**(2,297,446)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**(17.25)**	**(16.01)**	**(19.92)**	**(28.66)**	**(34.18)**	**(46.72)**	**(52.74)**	**-**	**-**	**-**	**-**	**-**	
% Cummulative Change													
Wells	-58.86%	-49.32%	-38.89%	-32.46%	-25.45%	-23.88%	-20.73%	0.00%	0.00%	0.00%	0.00%	0.00%	
CLAWA	35.32%	66.53%	51.22%	27.64%	12.40%	3.33%	-1.07%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**-25.75%**	**-14.80%**	**-12.59%**	**-13.58%**	**-12.60%**	**-13.60%**	**-12.47%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	

Crestline Village Water District
Change in Customer Water Consumption - Cubic Feet
2013 vs 2017

2017 Consumption	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Total**
Cubic Feet	1,903,573	1,723,001	1,714,036	1,919,473	2,052,678	2,354,548	2,728,834						14,396,143
Total	1,903,573	1,723,001	1,714,036	1,919,473	2,052,678	2,354,548	2,728,834	-	-	-	-	-	14,396,143
2017 Cummulative													
Cubic Feet	1,903,573	3,626,574	5,340,610	7,260,083	9,312,761	11,667,309	14,396,143	-	-	-	-	-	
Total	1,903,573	3,626,574	5,340,610	7,260,083	9,312,761	11,667,309	14,396,143	-	-	-	-	-	
2013 Consumption													
Cubic Feet	2,261,012	1,952,389	1,843,970	2,101,256	2,351,113	2,776,689	3,125,809	3,075,879	2,952,319	2,417,952	2,060,523	2,062,910	28,981,821
Total	2,261,012	1,952,389	1,843,970	2,101,256	2,351,113	2,776,689	3,125,809	3,075,879	2,952,319	2,417,952	2,060,523	2,062,910	28,981,821
2013 Cummulative													
Cubic Feet	2,261,012	4,213,401	6,057,371	8,158,627	10,509,740	13,286,429	16,412,238	19,488,117	22,440,436	24,858,388	26,918,911	28,981,821	
Total	2,261,012	4,213,401	6,057,371	8,158,627	10,509,740	13,286,429	16,412,238	19,488,117	22,440,436	24,858,388	26,918,911	28,981,821	
Change in Consumption													
Cubic Feet	(357,439)	(229,388)	(129,934)	(181,783)	(298,435)	(422,141)	(396,975)	-	-	-	-	-	
Total	**(357,439)**	**(229,388)**	**(129,934)**	**(181,783)**	**(298,435)**	**(422,141)**	**(396,975)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**(8.21)**	**(5.27)**	**(2.98)**	**(4.17)**	**(6.85)**	**(9.69)**	**(9.11)**	**-**	**-**	**-**	**-**	**-**	
% Change	-15.81%	-11.75%	-7.05%	-8.65%	-12.69%	-15.20%	-12.70%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**-15.81%**	**-11.75%**	**-7.05%**	**-8.65%**	**-12.69%**	**-15.20%**	**-12.70%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	
Cummulative Change													
Cubic Feet	(357,439)	(586,827)	(716,761)	(898,544)	(1,196,979)	(1,619,120)	(2,016,095)	-	-	-	-	-	
Total	**(357,439)**	**(586,827)**	**(716,761)**	**(898,544)**	**(1,196,979)**	**(1,619,120)**	**(2,016,095)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**(8.21)**	**(13.47)**	**(16.45)**	**(20.63)**	**(27.48)**	**(37.17)**	**(46.28)**	**-**	**-**	**-**	**-**	**-**	
% Cummulative Change	-15.81%	-13.93%	-11.83%	-11.01%	-11.39%	-12.19%	-12.28%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**-15.81%**	**-13.93%**	**-11.83%**	**-11.01%**	**-11.39%**	**-12.19%**	**-12.28%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	

Crestline Village Water District
Gallons Per Capita Daily Calculation

Calendar 2017

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Residential Services with 92325 Zip	2,723	2,738	2,743	2,741	2,736	2,742	2,747						1,598
People per Household	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
Est. Full-Time Population	7,706	7,749	7,763	7,757	7,743	7,760	7,774	-	-	-	-	-	4,522
Days Per Month	31	28	31	30	31	30	31	31	30	31	30	31	365
Gallons Water Produced	16,210,080	13,832,225	15,015,322	14,396,599	17,784,239	19,461,943	23,947,444	-	-	-	-	-	120,647,852
92325 Residential Water Usage (	1,332,076	1,243,163	1,207,662	1,364,842	1,424,314	1,586,560	1,786,539						9,945,156
% Residential Water	69.98%	72.15%	70.46%	71.11%	69.39%	67.38%	65.47%	0.00%	0.00%	0.00%	0.00%	0.00%	69.08%
Gallons Per Capita Daily - 2017	**67.86**	**63.75**	**62.39**	**61.87**	**74.09**	**83.60**	**99.37**	**-**	**-**	**-**	**-**	**-**	**73.10**
R - Gallons Per Capita Daily - 2017	**47.49**	**46.00**	**43.96**	**43.99**	**51.41**	**56.33**	**65.06**	**-**	**-**	**-**	**-**	**-**	**50.50**

Calendar 2013

Residential Services with 92325 Zip	2,604	2,604	2,591	2,603	2,597	2,592	2,596	2,589	2,580	2,603	2,597	2,592	2,596
People per Household	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
Est. Full-Time Population	7,369	7,369	7,333	7,366	7,350	7,335	7,347	7,327	7,301	7,366	7,350	7,335	7,347
Days Per Month	31	28	31	30	31	30	31	31	30	31	30	31	365
Gallons Water Produced	21,832,145	13,427,842	16,286,683	17,246,434	19,582,311	23,548,035	25,909,299	24,230,652	24,842,569	20,584,840	18,367,477	16,825,138	242,683,424
92325 Residential Water Usage (	1,419,270	1,272,987	1,230,130	1,399,353	1,502,032	1,750,211	1,918,331	1,925,042	1,890,412	1,568,571	1,418,663	1,332,536	18,627,538
% Residential Water	62.77%	65.20%	66.71%	66.60%	63.89%	63.03%	61.37%	62.59%	64.03%	64.87%	68.85%	64.59%	64.27%
Gallons Per Capita Daily - 2013	**95.57**	**65.08**	**71.65**	**78.05**	**85.94**	**107.01**	**113.76**	**106.68**	**113.42**	**90.15**	**83.30**	**73.99**	**90.50**
R - Gallons Per Capita Daily - 2013	**59.99**	**42.43**	**47.79**	**51.98**	**54.91**	**67.45**	**69.81**	**66.77**	**72.62**	**58.48**	**57.35**	**47.79**	**58.16**
Change R-GPCD 2013-2017	**(12.50)**	**3.57**	**(3.83)**	**(7.99)**	**(3.50)**	**(11.12)**	**(4.76)**	**-**	**-**	**-**	**-**	**-**	**(7.67)**
% Change	**-20.84%**	**8.40%**	**-8.02%**	**-15.36%**	**-6.37%**	**-16.49%**	**-6.81%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**-13.18%**