Crestline Village Water District
Change in Water Production - Cubic Feet
2013 vs 2019

2019 Production	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	1,090,018	1,367,259	1,592,464	2,084,690	1,916,178	1,779,411	2,000,356	-	-	-	-	-	11,830,376
CLAWA	1,382,554	735,802	512,005	365,749	347,887	723,395	1,148,623	-	-	-	-	-	5,216,015
Total	2,472,572	2,103,061	2,104,469	2,450,439	2,264,065	2,502,806	3,148,979	-	-	-	-	-	17,046,391
2019 Cummulative													
Wells	1,090,018	2,457,277	4,049,741	6,134,431	8,050,609	9,830,020	11,830,376	-	-	-	-	-	
CLAWA	1,382,554	2,118,356	2,630,361	2,996,110	3,343,997	4,067,392	5,216,015	-	-	-	-	-	
Total	2,472,572	4,575,633	6,680,102	9,130,541	11,394,606	13,897,412	17,046,391	-	-	-	-	-	
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	(802,649)	(49,164)	21,517	657,507	417,754	273,176	627,789	-	-	-	-	-	
CLAWA	356,485	357,059	(94,412)	(512,741)	(771,645)	(918,503)	(942,620)	-	-	-	-	-	
Total	**(446,164)**	**307,895**	**(72,895)**	**144,766**	**(353,891)**	**(645,327)**	**(314,831)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**(10.24)**	**7.07**	**(1.67)**	**3.32**	**(8.12)**	**(14.81)**	**(7.23)**	**-**	**-**	**-**	**-**	**-**	
% Change													
Wells	-42.41%	-3.47%	1.37%	46.07%	27.88%	18.14%	45.74%	0.00%	0.00%	0.00%	0.00%	0.00%	
CLAWA	34.74%	94.27%	-15.57%	-58.37%	-68.93%	-55.94%	-45.07%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**-15.29%**	**17.15%**	**-3.35%**	**6.28%**	**-13.52%**	**-20.50%**	**-9.09%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	
Cummulative Change													
Wells	(802,649)	(851,813)	(830,296)	(172,789)	244,965	518,141	1,145,930	-	-	-	-	-	
CLAWA	356,485	713,544	619,132	106,391	(665,254)	(1,583,757)	(2,526,377)	-	-	-	-	-	
Total	**(446,164)**	**(138,269)**	**(211,164)**	**(66,398)**	**(420,289)**	**(1,065,616)**	**(1,380,447)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**(10.24)**	**(3.17)**	**(4.85)**	**(1.52)**	**(9.65)**	**(24.46)**	**(31.69)**	**-**	**-**	**-**	**-**	**-**	
% Cummulative Change													
Wells	-42.41%	-25.74%	-17.01%	-2.74%	3.14%	5.56%	10.73%	0.00%	0.00%	0.00%	0.00%	0.00%	
CLAWA	34.74%	50.79%	30.78%	3.68%	-16.59%	-28.03%	-32.63%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**-15.29%**	**-2.93%**	**-3.06%**	**-0.72%**	**-3.56%**	**-7.12%**	**-7.49%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	

Crestline Village Water District
Change in Customer Water Consumption - Cubic Feet
2013 vs 2019

2019 Consumption	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Total**
Cubic Feet	2,295,639	1,902,180	1,861,083	2,056,314	2,045,041	2,017,957	2,765,553						14,943,767
Total	2,295,639	1,902,180	1,861,083	2,056,314	2,045,041	2,017,957	2,765,553	-	-	-	-	-	14,943,767
2019 Cummulative													
Cubic Feet	2,295,639	4,197,819	6,058,902	8,115,216	10,160,257	12,178,214	14,943,767	-	-	-	-	-	
Total	2,295,639	4,197,819	6,058,902	8,115,216	10,160,257	12,178,214	14,943,767	-	-	-	-	-	
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	34,627	(50,209)	17,113	(44,942)	(306,072)	(758,732)	(360,256)	-	-	-	-	-	
Total	**34,627**	**(50,209)**	**17,113**	**(44,942)**	**(306,072)**	**(758,732)**	**(360,256)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**0.79**	**(1.15)**	**0.39**	**(1.03)**	**(7.03)**	**(17.42)**	**(8.27)**	**-**	**-**	**-**	**-**	**-**	
% Change	1.53%	-2.57%	0.93%	-2.14%	-13.02%	-27.33%	-11.53%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**1.53%**	**-2.57%**	**0.93%**	**-2.14%**	**-13.02%**	**-27.33%**	**-11.53%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	
Cummulative Change													
Cubic Feet	34,627	(15,582)	1,531	(43,411)	(349,483)	(1,108,215)	(1,468,471)	-	-	-	-	-	
Total	**34,627**	**(15,582)**	**1,531**	**(43,411)**	**(349,483)**	**(1,108,215)**	**(1,468,471)**	**-**	**-**	**-**	**-**	**-**	
Total (AF)	**0.79**	**(0.36)**	**0.04**	**(1.00)**	**(8.02)**	**(25.44)**	**(33.71)**	**-**	**-**	**-**	**-**	**-**	
% Cummulative Change	1.53%	-0.37%	0.03%	-0.53%	-3.33%	-8.34%	-8.95%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	**1.53%**	**-0.37%**	**0.03%**	**-0.53%**	**-3.33%**	**-8.34%**	**-8.95%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	

Crestline Village Water District
Gallons Per Capita Daily Calculation

Calendar 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Residential Services with 92325 Zip	2,788	2,788	2,777	2,773	2,772	2,780	2,779	2,779	2,777	2,777	2,756	2,769	2,776
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	7,890	7,890	7,859	7,848	7,845	7,867	7,865	7,865	7,859	7,859	7,799	7,836	7,856
Days Per Month	31	28	31	30	31	30	31	31	30	31	30	31	365
Gallons Water Produced	18,494,839	15,730,896	15,741,428	18,329,284	16,935,206	18,720,989	23,554,363	-	-	-	-	-	127,507,005
92325 Residential Water Usage (C	1,369,403	1,294,448	1,245,698	1,364,842	1,425,726	1,607,280	1,745,686	1,831,476	1,597,635	1,488,567	1,411,676	1,378,957	17,761,394
% Residential Water	59.65%	68.05%	66.93%	66.37%	69.72%	79.65%	63.12%	0.00%	0.00%	0.00%	0.00%	0.00%	118.85%
Gallons Per Capita Daily - 2019	**75.62**	**71.21**	**64.61**	**77.85**	**69.64**	**79.32**	**96.61**	**-**	**-**	**-**	**-**	**-**	**44.47**
R - Gallons Per Capita Daily - 2019	**45.10**	**48.46**	**43.25**	**51.67**	**48.55**	**63.18**	**60.98**	**-**	**-**	**-**	**-**	**-**	**52.85**

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 (C	1,369,403	1,294,448	1,230,130	1,399,353	1,365,893	1,607,280	1,745,686	1,925,042	1,890,412	1,568,571	1,411,676	1,378,957	18,186,851
% Residential Water	60.57%	66.30%	66.71%	66.60%	58.10%	57.88%	55.85%	62.59%	64.03%	64.87%	68.51%	66.85%	62.75%
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	**57.89**	**43.15**	**47.79**	**51.98**	**49.93**	**61.94**	**63.53**	**66.77**	**72.62**	**58.48**	**57.07**	**49.47**	**56.79**
Change R-GPCD 2013-2019	**(12.78)**	**5.31**	**(4.55)**	**(0.31)**	**(1.38)**	**1.24**	**(2.56)**	**-**	**-**	**-**	**-**	**-**	**(3.94)**
% Change	**-22.08%**	**12.30%**	**-9.52%**	**-0.59%**	**-2.77%**	**2.01%**	**-4.02%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	**-6.93%**