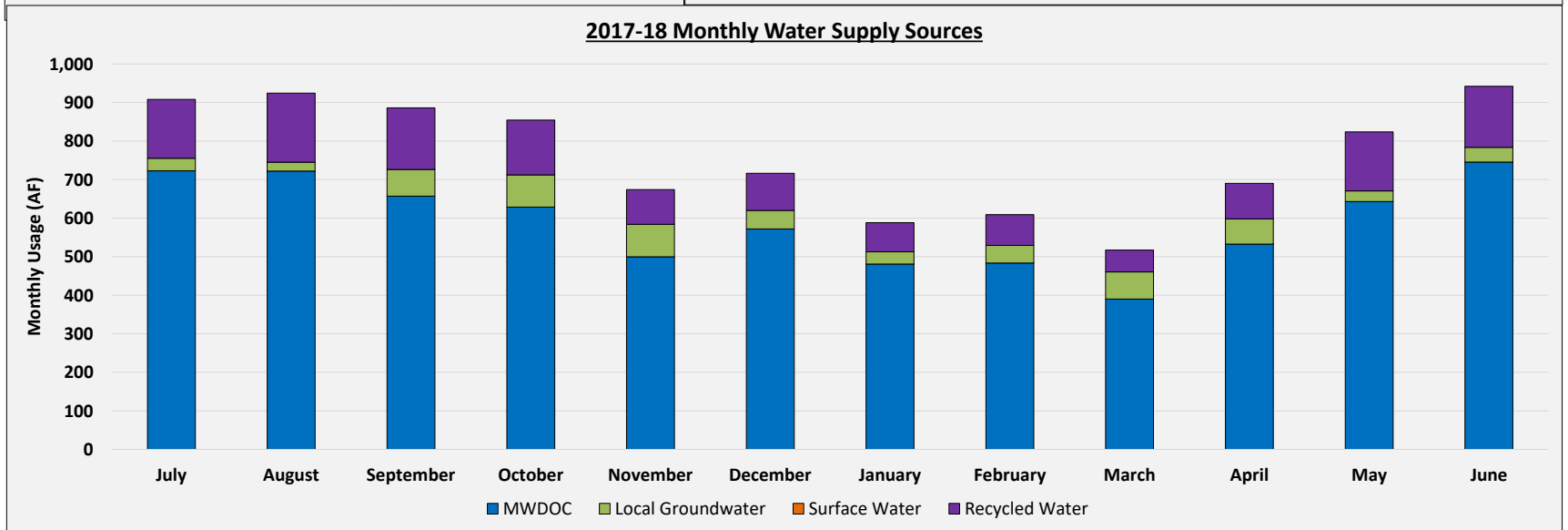
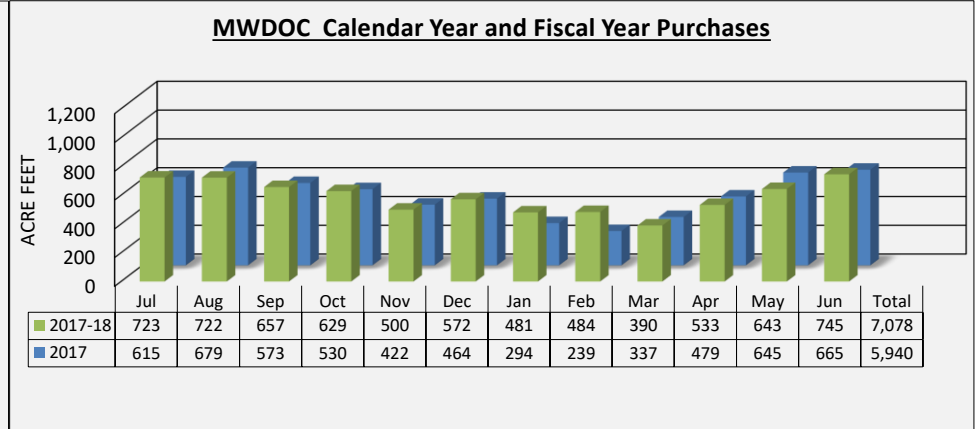
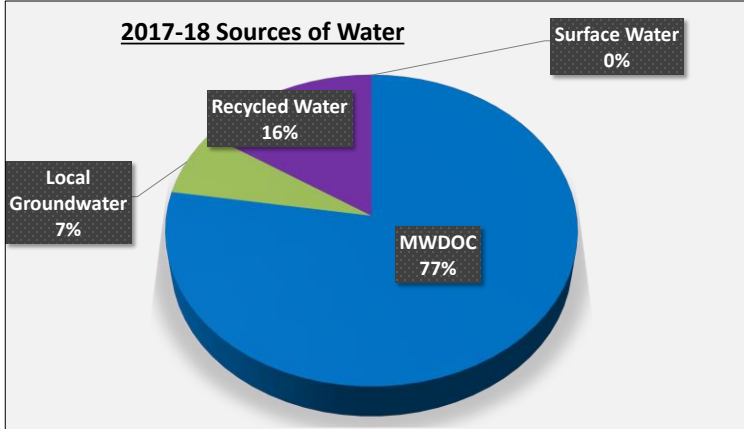


City of San Clemente Water Usage Report

City of San Clemente Overview of Usage FY 2017-18 Monthly Water Use

Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	723	722	657	629	500	572	481	484	390	533	643	745	7,078
Local Groundwater	33	23	69	84	84	48	32	46	71	65	27	38	620
Recycled Water	152	179	160	142	90	96	76	80	57	92	153	158	1,436
Surface Water	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	908	924	886	854	674	716	588	609	517	690	824	942	9,134

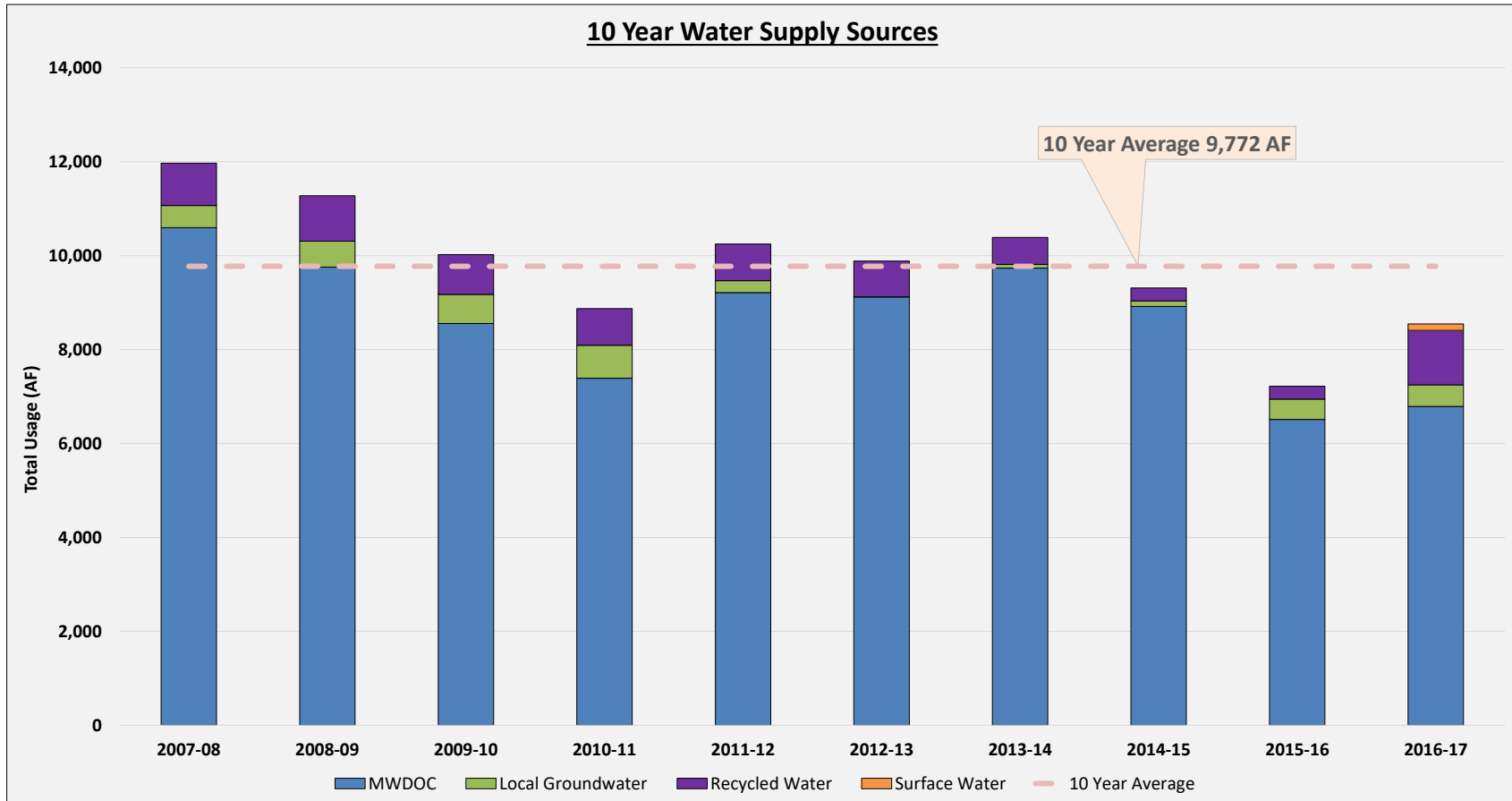
2017 MWDOC Usage	615	679	573	530	422	464	294	239	337	479	645	665	5,940
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City of San Clemente Water Usage Report

Annual Water Usage

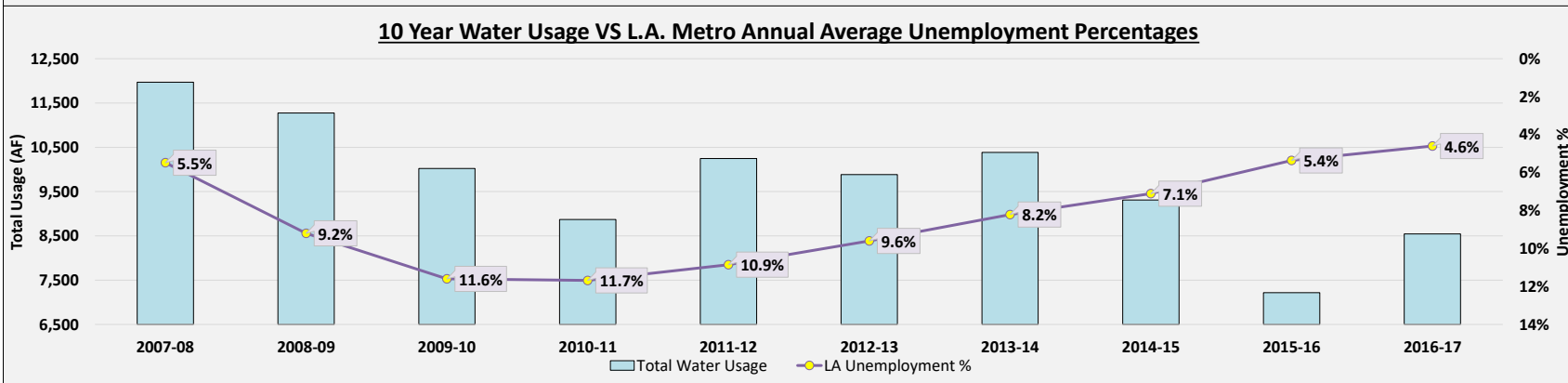
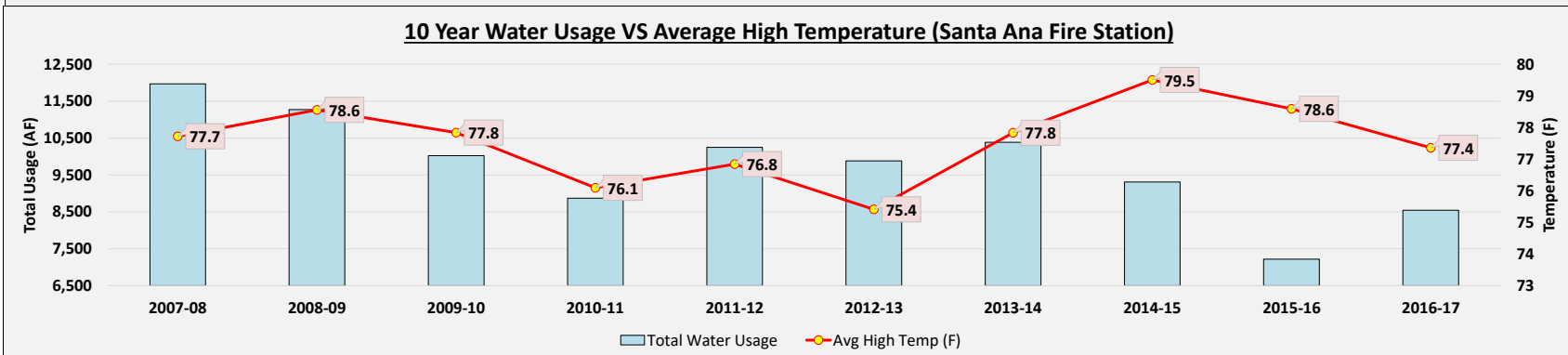
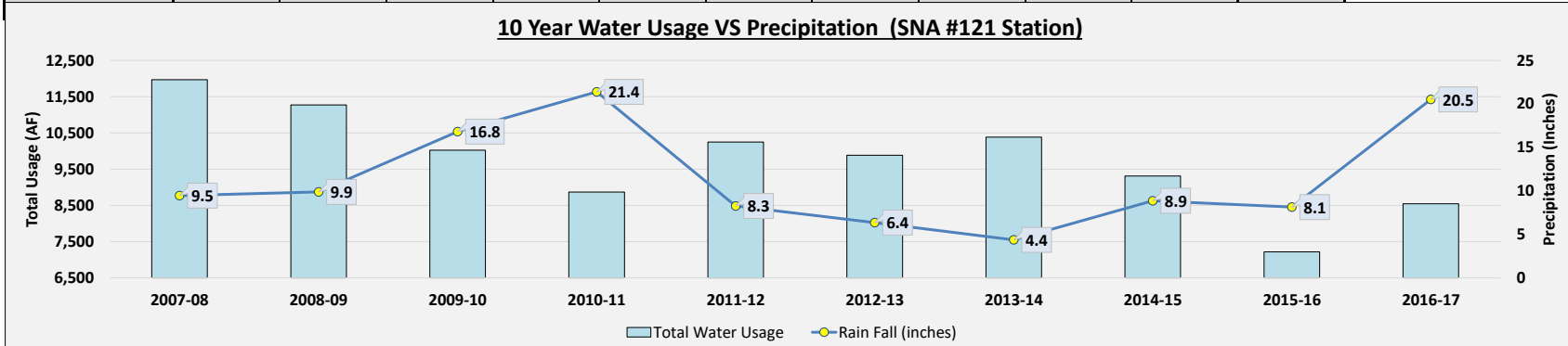
Type of Supply	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Average
MWDOC	10,593.0	9,754.5	8,553.6	7,390.8	9,212.8	9,121.0	9,734.8	8,917.4	6,510.0	6,787.3	8,657.5
Local Groundwater	473.7	554.3	619.2	699.9	251.8	0.7	78.5	117.5	433.2	462.5	369.1
Recycled Water	902.9	963.9	848.9	780.0	782.8	761.8	572.6	274.6	274.6	1,158.8	732.1
Surface Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.0	13.5
Total	11,970	11,273	10,022	8,871	10,247	9,884	10,386	9,310	7,218	8,544	9,772



City of San Clemente Water Usage Report

Water Usage Variables

Type of Supply	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Average
Rain Fall (inches)	9.5	9.9	16.8	21.4	8.3	6.4	4.4	8.9	8.1	20.5	11.4
Avg High Temp (F)	77.7	78.6	77.8	76.1	76.8	75.4	77.8	79.5	78.6	77.4	77.6
LA Unemployment %	5.5%	9.2%	11.6%	11.7%	10.9%	9.6%	8.2%	7.1%	5.4%	4.6%	8.4%



City of San Clemente Water Usage Report

City of San Clemente Detailed Usage

Historical Monthly Potable Usage (Fiscal Year, July-June)

Fiscal Year	July	August	September	October	November	December	January	February	March	April	May	June	Total
2009-10 Usage	1,220	1,165	1,041	860	851	541	548	430	648	764	951	1,005	10,022
2010-11 Usage	1,035	1,102	1,007	653	599	537	558	525	552	677	811	816	8,871
2011-12 Usage	1,100	1,150	1,079	927	675	652	523	657	796	744	905	1,039	10,247
2012-13 Usage	1,106	1,134	1,011	856	718	457	524	512	728	843	969	1,027	9,884
2013-14 Usage	1,073	1,080	1,015	886	719	666	760	610	645	811	1,069	1,052	10,386
2014-15 Usage	1,087	1,042	977	858	669	444	496	565	718	807	666	705	9,035
2015-16 Usage	674	723	655	597	536	475	409	486	483	544	695	667	6,943
2016-17 Usage	750	786	764	662	586	461	371	332	485	650	764	774	7,385
Average of Last 6 FYs	965	986	917	798	651	526	514	527	642	733	845	877	8,980
Monthly Usage Percentage	11%	11%	10%	9%	7%	6%	6%	6%	7%	8%	9%	10%	100%

Water Usage By Source

Imported	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWD	614.8	679.0	572.5	529.6	421.9	464.0	386.5	425.5	277.7	422.8	530.0	653.2	5,977.5
Imported Total	615	679	573	530	422	464	387	426	278	423	530	653	5,978

Imported Untreated	July	August	September	October	November	December	January	February	March	April	May	June	Total
Baker WTP Spill	-	-	-	-	-	-	-	-	-	-	-	-	-
Baker WTP from TCWD	108.1	43.1	84.4	99.0	77.9	107.8	94.3	58.1	112.4	109.8	113.2	92.2	1,100.3
Imported Untreated Total	108	43	84	99	78	108	94	58	112	110	113	92	1,100

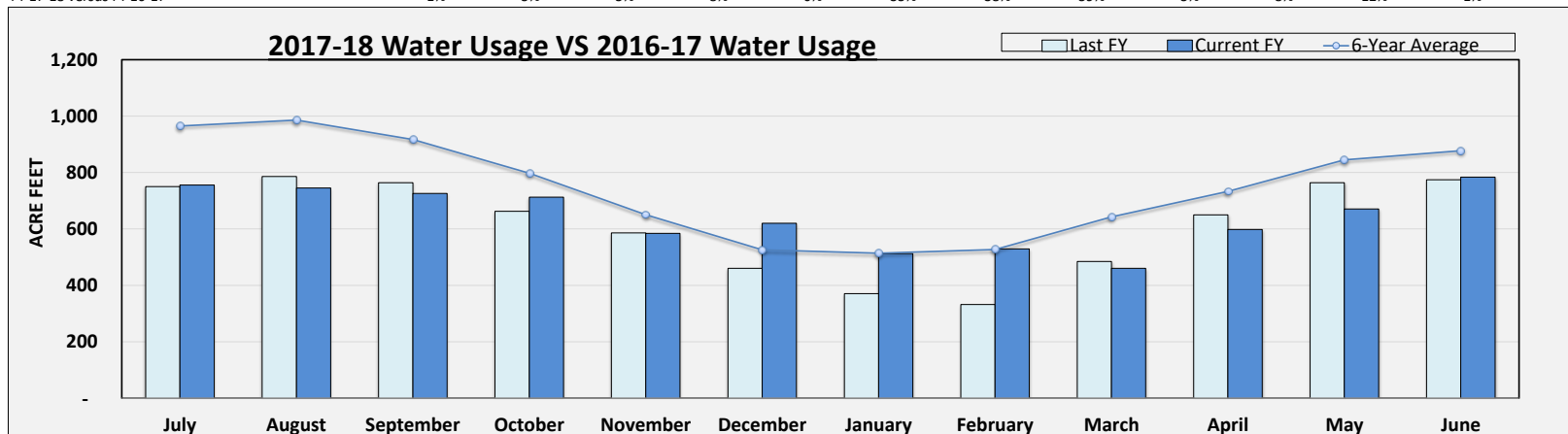
Imported Total	July	August	September	October	November	December	January	February	March	April	May	June	Total
	723	722	657	629	500	572	481	484	390	533	643	745	7,078

Groundwater	July	August	September	October	November	December	January	February	March	April	May	June	Total
San Mateo Basin	32.5	23.1	69.1	83.8	84.4	48.4	31.8	45.5	70.5	65.4	27.3	38.2	620.0
Groundwater Total	33	23	69	84	84	48	32	46	71	65	27	38	619.96

Surface Water	July	August	September	October	November	December	January	February	March	April	May	June	Total
Baker WTP from TCWD (Irvine Lake Water)	-	-	-	-	-	-	-	-	-	-	-	-	-
Surface Water Total	-	-	-	-	-	-	-	-	-	-	-	-	-

Total Usage 2017-18	July	August	September	October	November	December	January	February	March	April	May	June	Total
	755	745	726	712	584	620	513	529	461	598	670	784	6,597

FY 17-18 versus FY 16-17	July	August	September	October	November	December	January	February	March	April	May	June	Total
	+1%	-5%	-5%	+8%	-0%	+35%	+38%	+59%	-5%	-8%	-12%	+1%	

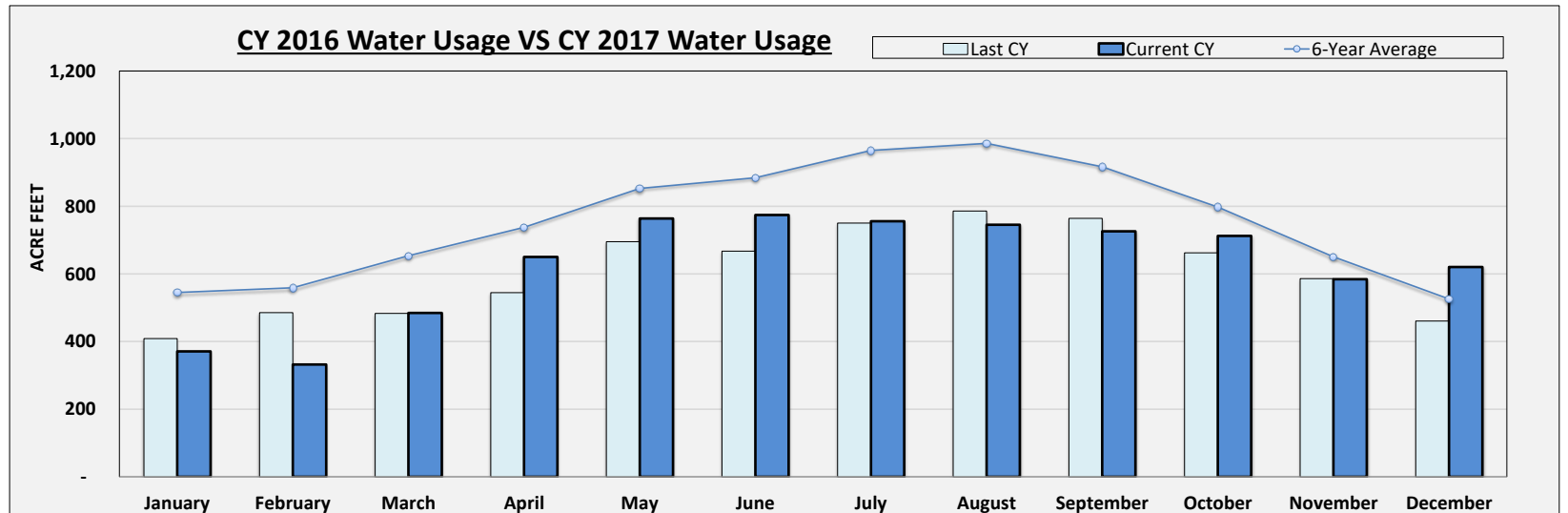


City of San Clemente Water Usage Report

Historical Monthly Potable Usage (Calendar Year)

Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2011	558	525	552	677	811	816	1,100	1,150	1,079	927	675	652	9,521
2012	523	657	796	744	905	1,039	1,106	1,134	1,011	856	718	457	9,946
2013	524	512	728	843	969	1,027	1,073	1,080	1,015	886	719	666	10,041
2014	760	610	645	811	1,069	1,052	1,087	1,042	977	858	669	444	10,024
2015	496	565	718	807	666	705	674	723	655	597	536	475	7,617
2016	409	486	483	544	695	667	750	786	764	662	586	461	7,294
6 year Average	545	559	654	738	852	884	965	986	917	798	651	526	7,294

Total Water Usage 2017	371	332	485	650	764	774	755	745	726	712	584	620	7,519
2017 VS 2016 Usage	-9%	-32%	+0%	+19%	+10%	+16%	+1%	-5%	-5%	+8%	-0%	+35%	+3%



	Population	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2016 Usage (AF)	51,728	409	486	483	544	695	667	750	786	764	662	586	461	7,294
2016 GPCD		83	109	98	114	141	140	152	160	160	135	123	94	126
2017 Usage (AF)	51,922	371	332	485	650	764	774	755	745	726	712	584	620	7,519
2017 GPCD		75	74	98	136	155	162	153	151	152	144	122	126	129
CY over CY change in GPCD		-8	-35	-0	+22	+13	+22	+1	-9	-9	+10	-1	+32	+3

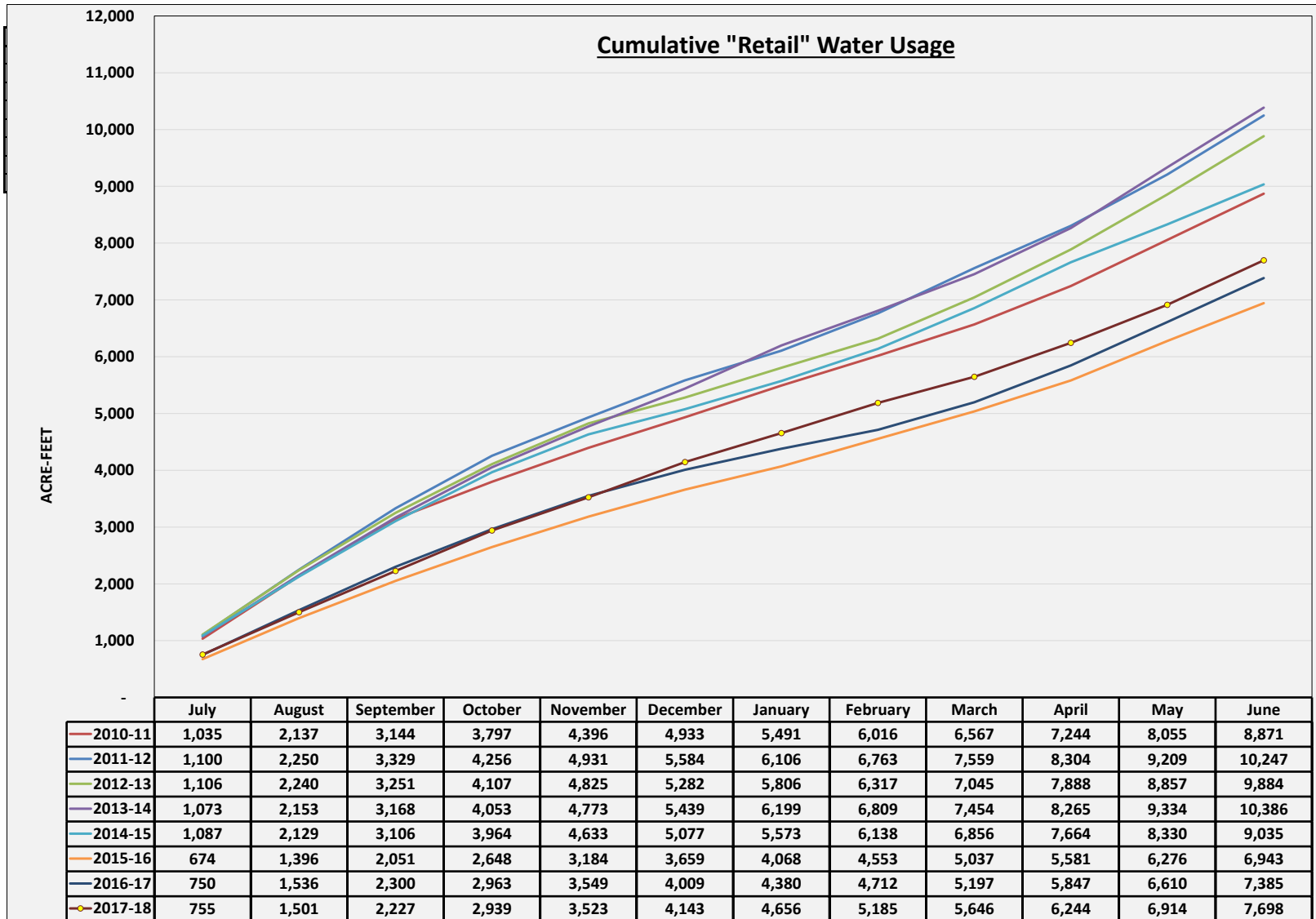
	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2016-17 Usage (AF)	51,728	750	786	764	662	586	461	371	332	485	650	764	774	7,385
2016-17 GPCD		152	160	160	135	123	94	75	75	98	136	155	163	127
2017-18 Usage (AF)	51,922	755	745	726	712	584	620	513	529	461	598	670	784	7,698
2017-18 GPCD		153	151	152	144	122	126	104	119	93	125	136	164	132
FY over FY change in GPCD		+1	-9	-9	+10	-1	+32	+28	+44	-5	-11	-19	+1	+5

*Cumulative through the end of the last month shown

* GPCD = Total Monthly Production/ Population/days in the month, does not include recycled water used for direct non-potable use



City of San Clemente Water Usage Report



*Does not include recycled production

Recycled Water Production by Fiscal Year

	July	August	September	October	November	December	January	February	March	April	May	June	Total
2016-17	159.3	168.7	126.2	124.4	82.3	45.8	6.1	12.3	40.2	95.9	148.4	149.2	1,158.8
2017-18	152.5	179.0	160.0	142.0	90.0	96.3	75.8	80.1	56.7	92.2	153.2	158.3	1,436.0

