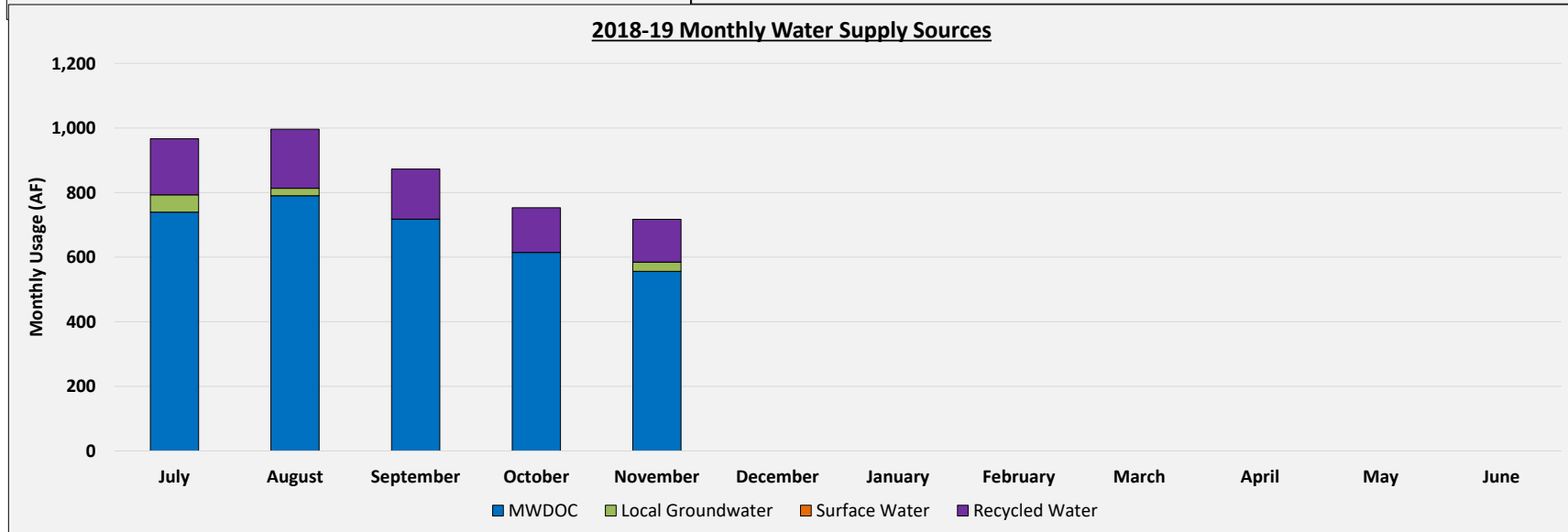
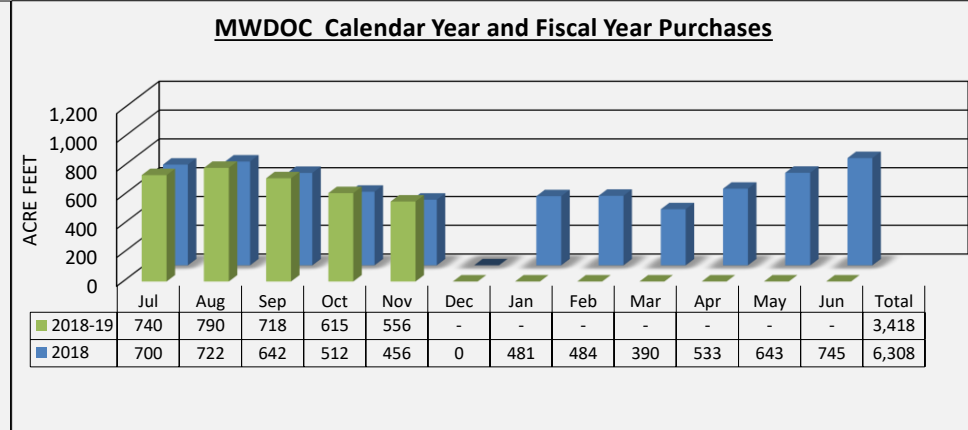
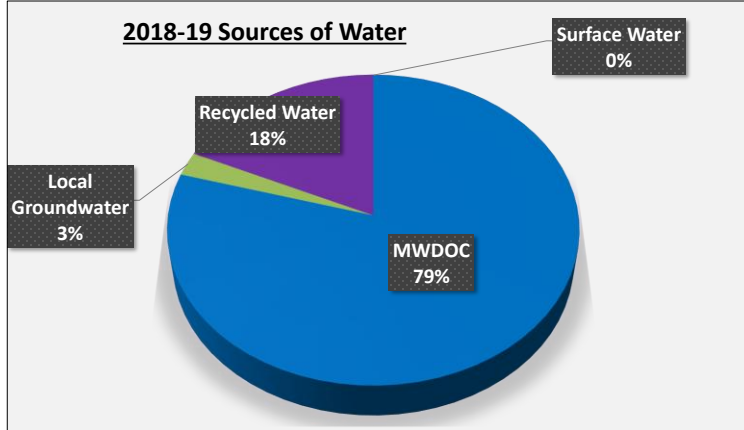


# City of San Clemente Water Usage Report

## City of San Clemente Overview of Usage FY 2018-19 Monthly Water Use

Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	740	790	718	615	556	-	-	-	-	-	-	-	3,418
Local Groundwater	53	23	-	-	29	-	-	-	-	-	-	-	105
Recycled Water	174	183	155	138	132	-	-	-	-	-	-	-	782
Surface Water	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>967</b>	<b>996</b>	<b>873</b>	<b>753</b>	<b>717</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,306</b>

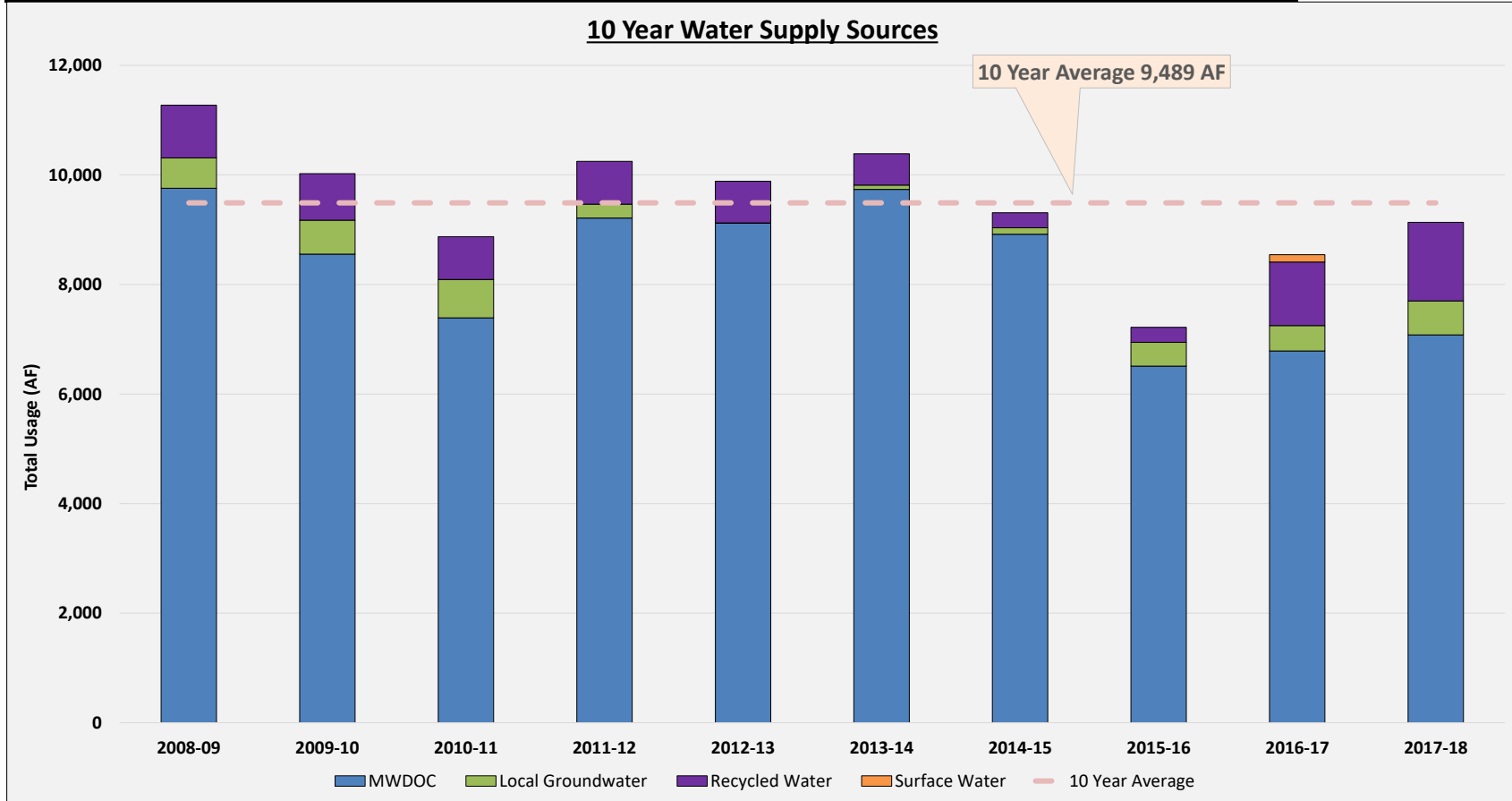
2018 MWDOC Usage	700	722	642	512	456	0	481	484	390	533	643	745	6,308
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# City of San Clemente Water Usage Report

## Annual Water Usage

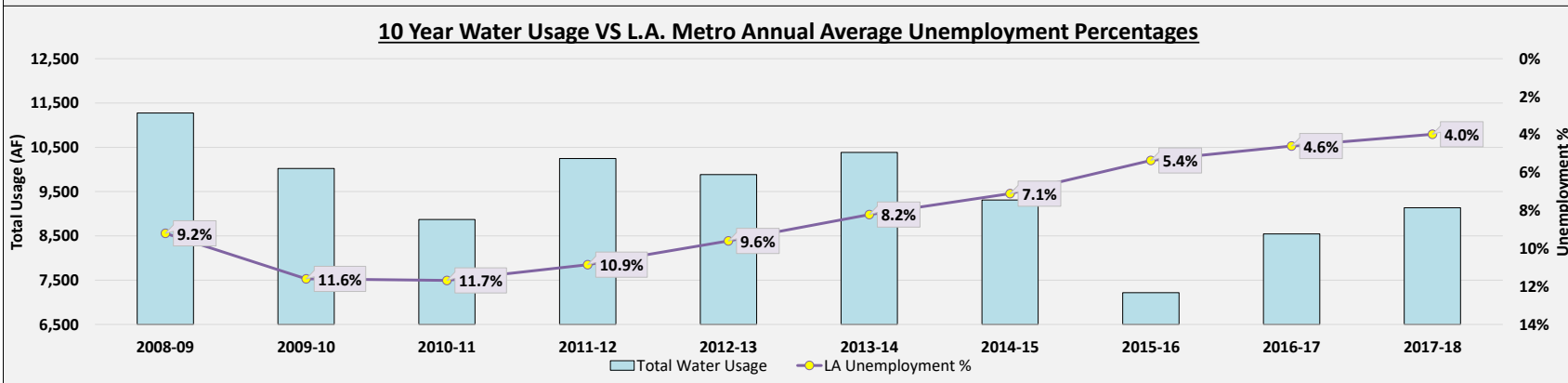
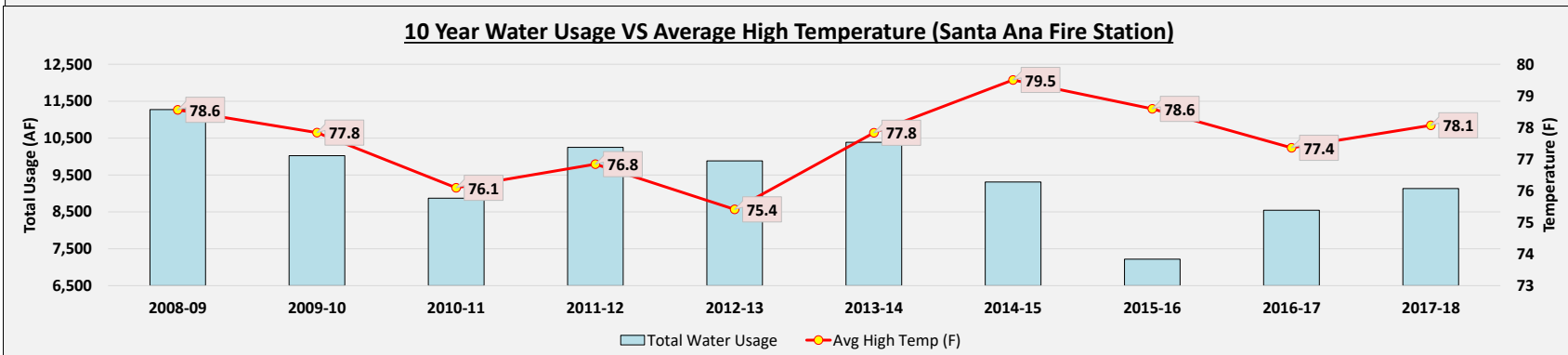
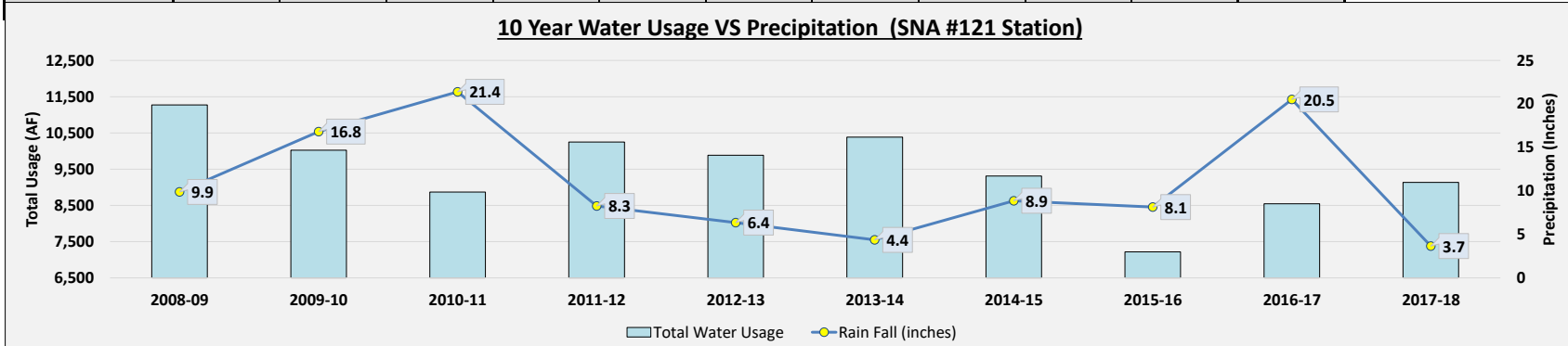
Type of Supply	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Average
MWDOC	9,754.5	8,553.6	7,390.8	9,212.8	9,121.0	9,734.8	8,917.4	6,510.0	6,787.3	7,077.8	8,306
Local Groundwater	554.3	619.2	699.9	251.8	0.7	78.5	117.5	433.2	462.5	620.0	384
Recycled Water	963.9	848.9	780.0	782.8	761.8	572.6	274.6	274.6	1,158.8	1,436.0	785
Surface Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.0	0.0	14
<b>Total</b>	<b>11,273</b>	<b>10,022</b>	<b>8,871</b>	<b>10,247</b>	<b>9,884</b>	<b>10,386</b>	<b>9,310</b>	<b>7,218</b>	<b>8,544</b>	<b>9,134</b>	<b>9,489</b>



# City of San Clemente Water Usage Report

## Water Usage Variables

Type of Supply	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Average
Rain Fall (inches)	9.9	16.8	21.4	8.3	6.4	4.4	8.9	8.1	20.5	3.7	10.8
Avg High Temp (F)	78.6	77.8	76.1	76.8	75.4	77.8	79.5	78.6	77.4	78.1	77.6
LA Unemployment %	9.2%	11.6%	11.7%	10.9%	9.6%	8.2%	7.1%	5.4%	4.6%	4.0%	8.2%



# 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
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
2017-18 Usage	755	745	726	712	584	620	513	529	461	598	670	784	7,698
<b>Average of Last 6 FYs</b>	<b>907</b>	<b>918</b>	<b>858</b>	<b>762</b>	<b>635</b>	<b>520</b>	<b>512</b>	<b>506</b>	<b>587</b>	<b>709</b>	<b>805</b>	<b>835</b>	<b>8,555</b>
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	700.0	721.6	642.4	511.8	456.4								3,032.2
<b>Imported Total</b>	<b>700</b>	<b>722</b>	<b>642</b>	<b>512</b>	<b>456</b>	-	-	-	-	-	-	-	<b>3,032</b>

Imported Untreated	July	August	September	October	November	December	January	February	March	April	May	June	Total
Baker WTP Spill	-	-	-	-	-								-
Baker WTP from TCWD	39.5	68.5	75.5	102.8	99.7								386.0
<b>Imported Untreated Total</b>	<b>40</b>	<b>69</b>	<b>76</b>	<b>103</b>	<b>100</b>	-	-	-	-	-	-	-	<b>386</b>

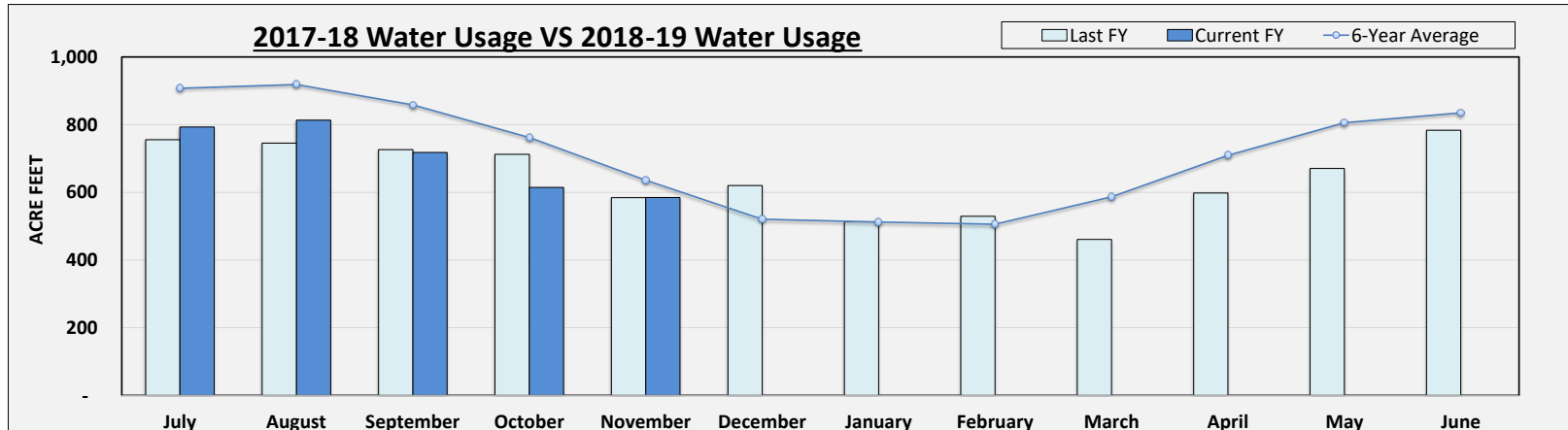
Imported Total	July	August	September	October	November	December	January	February	March	April	May	June	Total
	740	790	718	615	556	-	-	-	-	-	-	-	3,418

Groundwater	July	August	September	October	November	December	January	February	March	April	May	June	Total
San Mateo Basin	53.5	23.1	-	-	28.7								105.3
<b>Groundwater Total</b>	<b>53</b>	<b>23</b>	-	-	<b>29</b>	-	-	-	-	-	-	-	<b>105.27</b>

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

Total Usage 2018-19	July	August	September	October	November	December	January	February	March	April	May	June	Total
	793	813	718	615	585	-	-	-	-	-	-	-	3,137

FY 17-18 versus FY 18-19: +5% (July), +9% (August), -1% (September), -14% (October), +0% (November), -59% (Total)

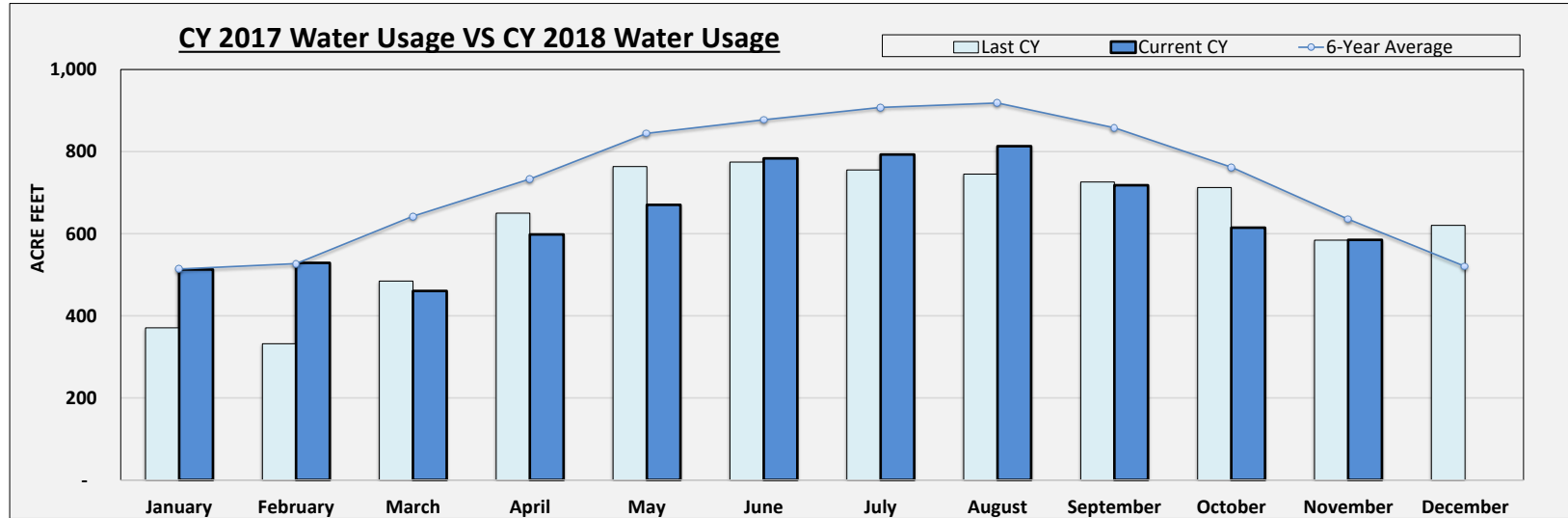


# City of San Clemente Water Usage Report

## Historical Monthly Potable Usage (Calendar Year)

Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
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
2017	371	332	485	650	764	774	755	745	726	712	584	620	7,519
6 year Average	514	527	642	733	845	877	907	918	858	762	635	520	8,740

Total Water Usage 2018	513	529	461	598	670	784	793	813	718	615	585	-	7,078
2018 VS 2017 Usage	+38%	+59%	-5%	-8%	-12%	+1%	+5%	+9%	-1%	-14%	+0%		-6%



	Population	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017 Usage (AF)		371	332	485	650	764	774	755	745	726	712	584	620	7,519
2017 GPCD	51,728	75	75	98	136	155	163	154	151	152	145	123	126	130
2018 Usage (AF)		513	529	461	598	670	784	793	813	718	615	585	-	7,078
2018 GPCD	51,922	104	119	93	125	136	164	161	165	150	124	122	-	133
CY over CY change in GPCD		+28	+44	-5	-11	-19	+1	+7	+13	-2	-20	-0		+3

	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2017-18 Usage (AF)		755	745	726	712	584	620	513	529	461	598	670	784	7,698
2017-18 GPCD	51,728	154	151	152	145	123	126	104	119	94	126	136	165	133
2018-19 Usage (AF)		793	813	718	615	585	-	-	-	-	-	-	-	3,523
2018-19 GPCD	51,922	161	165	150	124	122	-	-	-	-	-	-	-	145
FY over FY change in GPCD		+7	+13	-2	-20	-0								+12

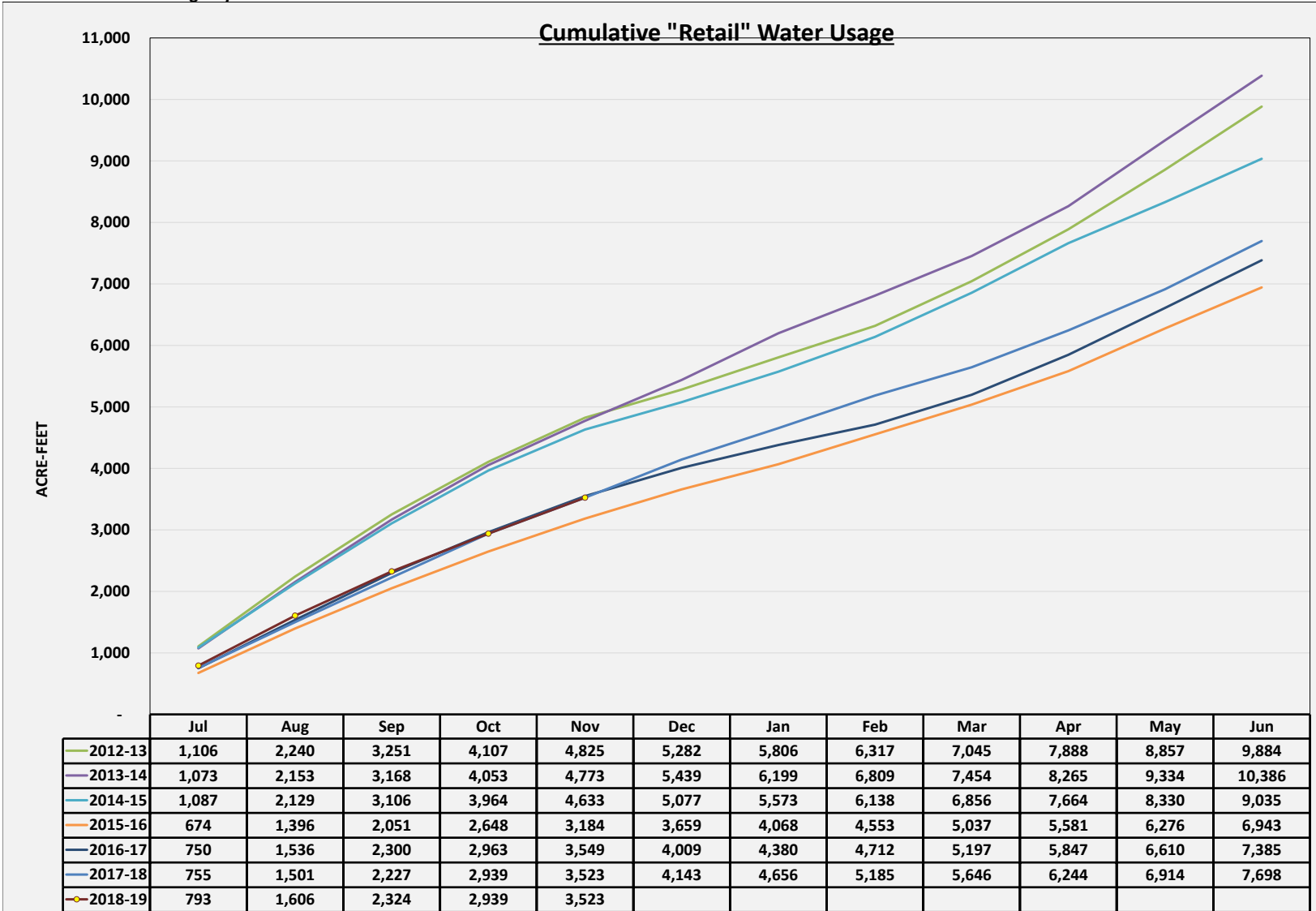
\*Cumulative through the end of the last month shown

\* 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

Cumulative Water Usage by Fiscal Year



\*Does not include recycled production

Recycled Water Production by Fiscal Year

	July	August	September	October	November	December	January	February	March	April	May	June	Total
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
2018-19	173.8	183.1	154.8	138.5	132.2								782.3

