

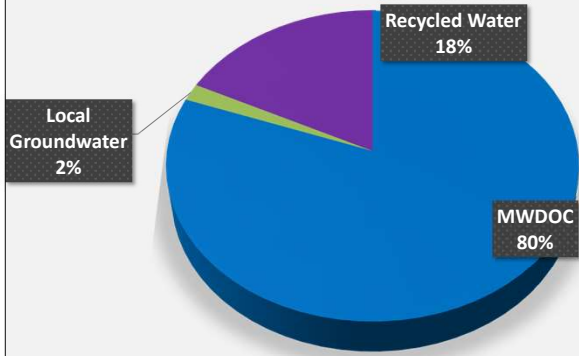
# City of San Clemente Water Usage Report

## City of San Clemente Overview of Usage FY 2016-17 Monthly Water Use

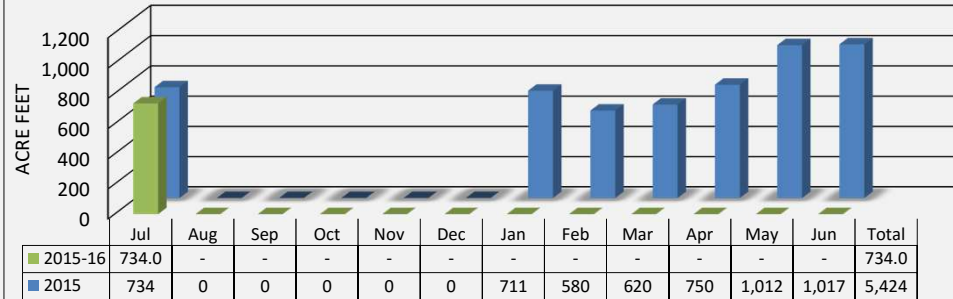
Type of Supply	July	August	September	October	November	December	January	February	March	April	May	June	Total
MWDOC	734.00	-	-	-	-	-	-	-	-	-	-	-	734.00
Local Groundwater	16.10	-	-	-	-	-	-	-	-	-	-	-	16.10
Recycled Water	160.70	-	-	-	-	-	-	-	-	-	-	-	160.70
<b>Total</b>	<b>910.80</b>	-	-	-	-	-	-	-	-	-	-	-	<b>910.80</b>

2016 MWDOC Usage	734	0	0	0	0	0	711	580	620	750	1,012	1,017	5,424
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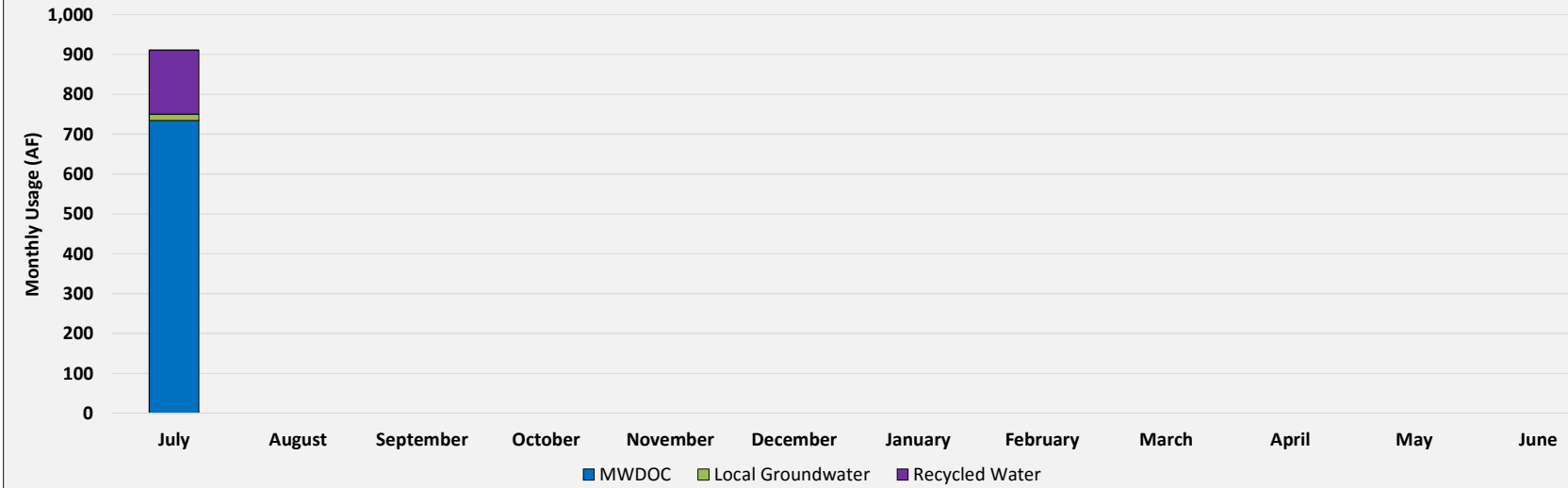
**2016-17 Sources of Water**



**MWDOC Calendar Year and Fiscal Year Purchases**



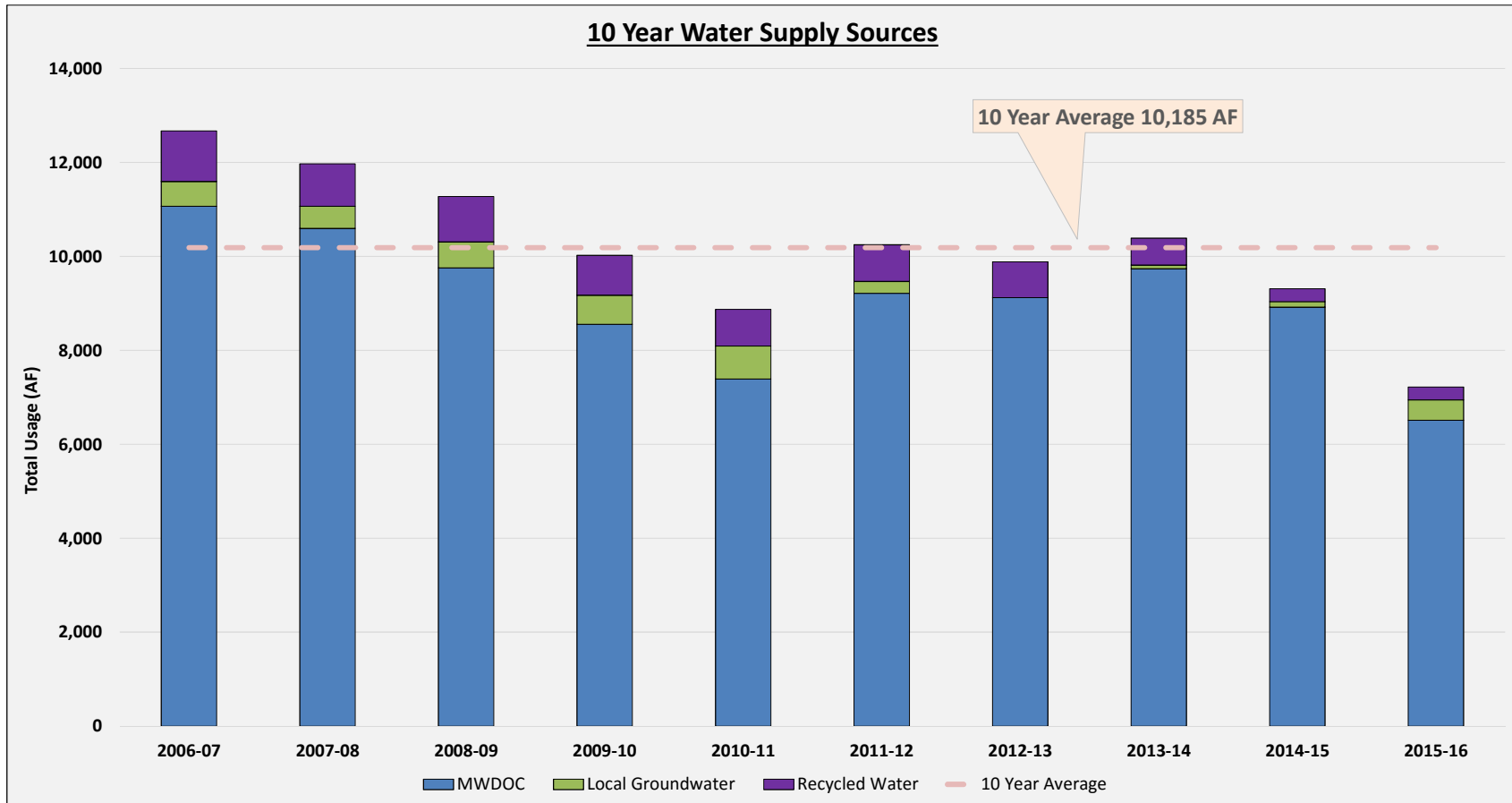
**2016-17 Monthly Water Supply Sources**



# City of San Clemente Water Usage Report

## Annual Water Usage

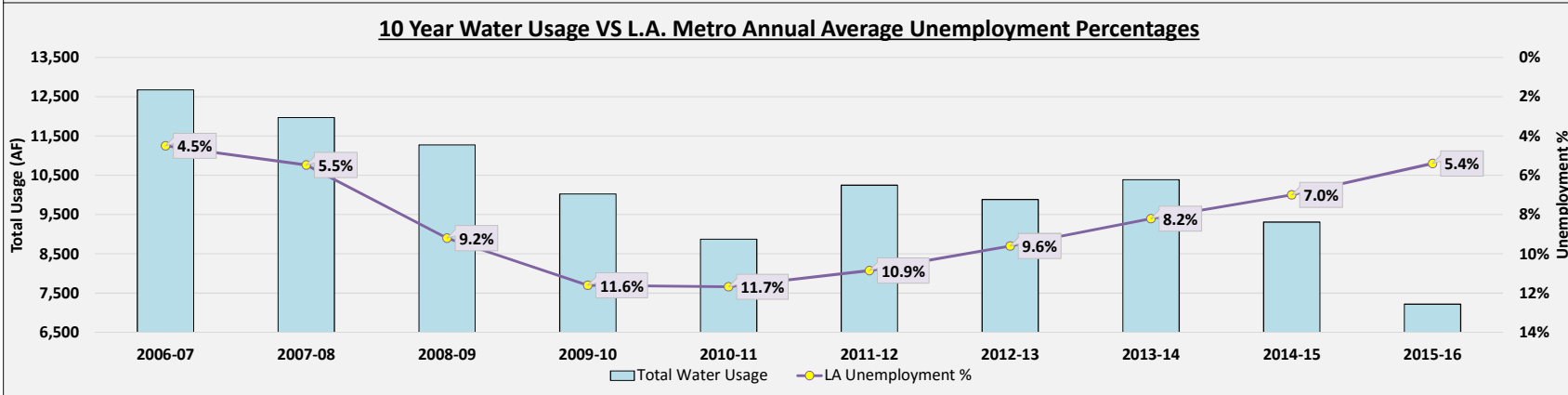
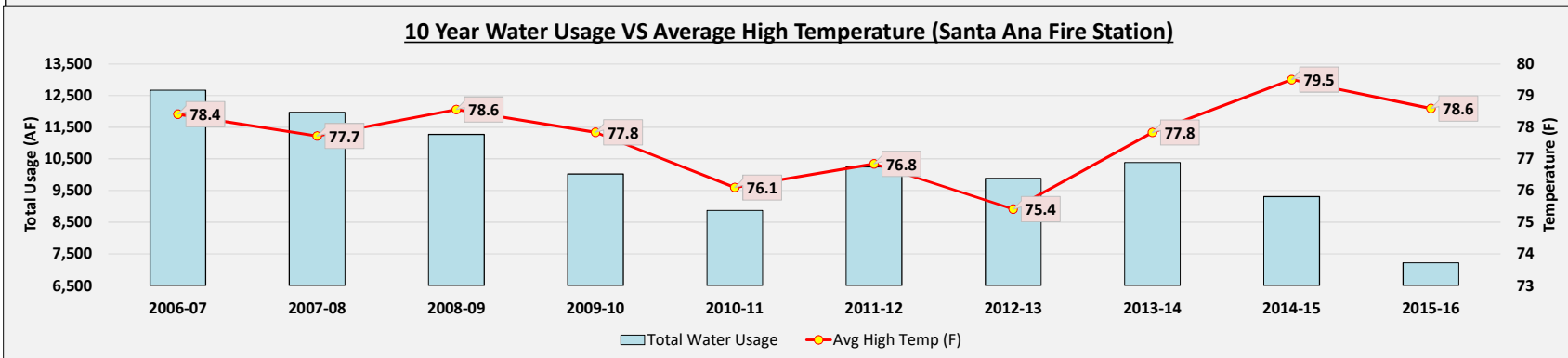
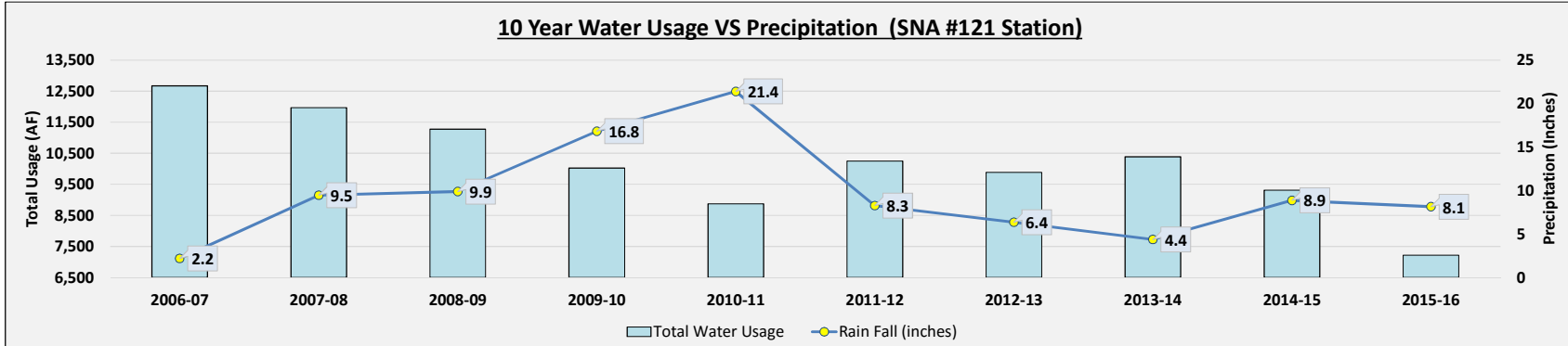
Type of Supply	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Average
MWDOC	11,068.1	10,593.0	9,754.5	8,553.6	7,390.8	9,212.8	9,121.0	9,734.8	8,917.4	6,510.0	9,085.6
Local Groundwater	524.8	473.7	554.3	619.2	699.9	251.8	0.7	78.5	117.5	433.2	375.4
Recycled Water	1,078.5	902.9	963.9	848.9	780.0	782.8	761.8	572.6	274.6	274.6	724.1
<b>Total</b>	<b>12,671</b>	<b>11,970</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>10,185</b>



# City of San Clemente Water Usage Report

## Water Usage Variables

Type of Supply	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Average
Rain Fall (inches)	2.2	9.5	9.9	16.8	21.4	8.3	6.4	4.4	8.9	8.1	9.6
Avg High Temp (F)	78.4	77.7	78.6	77.8	76.1	76.8	75.4	77.8	79.5	78.6	77.7
LA Unemployment %	4.5%	5.5%	9.2%	11.6%	11.7%	10.9%	9.6%	8.2%	7.0%	5.4%	8.4%
<b>Total Water Usage</b>	<b>12,671</b>	<b>11,970</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>10,185</b>



# City of San Clemente Water Usage Report

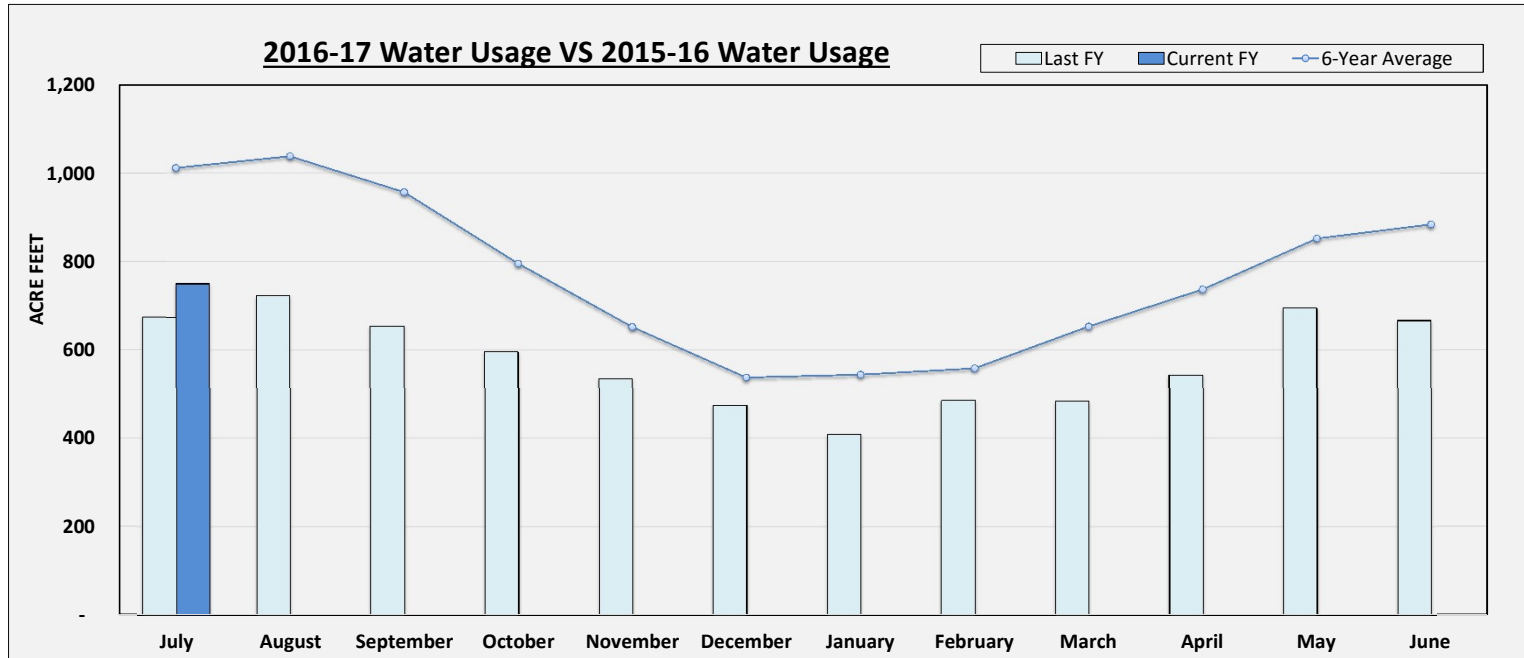
## City of San Clemente Detailed Usage Historical Monthly Potable Usage (Fiscal Year, July-June)

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
<b>Average of Last 6 FYs</b>	<b>1,012</b>	<b>1,039</b>	<b>957</b>	<b>796</b>	<b>653</b>	<b>538</b>	<b>545</b>	<b>559</b>	<b>654</b>	<b>738</b>	<b>852</b>	<b>884</b>	<b>9,228</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	734.0												734.0
<b>Imported Total</b>	<b>734</b>	-	-	-	-	-	-	-	-	-	-	-	<b>734</b>
Groundwater	July	August	September	October	November	December	January	February	March	April	May	June	Total
San Mateo Basin	16.1												16.1
<b>Groundwater Total</b>	<b>16</b>	-	-	-	-	-	-	-	-	-	-	-	<b>16.10</b>

<b>Total Usage 2016-17</b>	<b>750</b>	-	-	-	-	-	-	-	-	-	-	-	<b>750</b>
FY 16-17 versus FY 15-16	+11%												



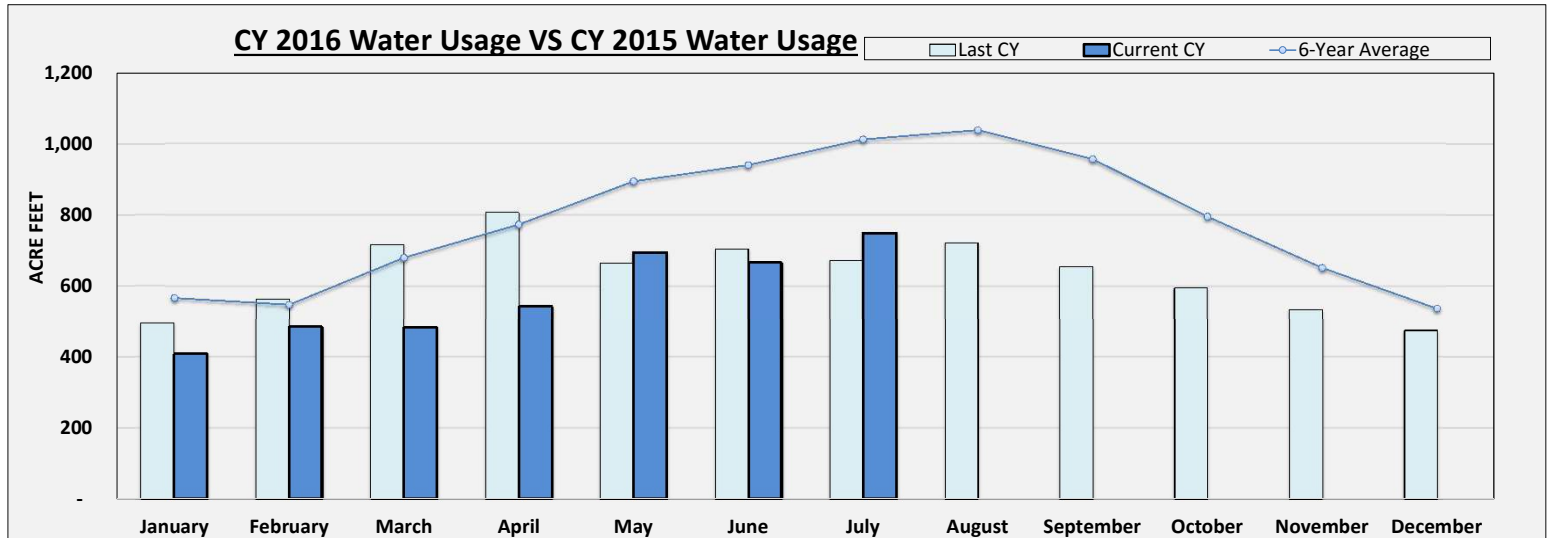
# City of San Clemente Water Usage Report

## Historical Monthly Potable Usage (Calendar Year)

Calendar Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2010	548	430	648	764	951	1,005	1,035	1,102	1,007	653	599	537	9,278
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
6 year Average	568	550	681	774	895	941	1,012	1,039	957	796	653	538	7,617

Total Water Usage 2016	408.80	485.60	483.30	544.30	695.20	667.20	750.10	-	-	-	-	-	4,034.50
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2016 VS 2015 Usage	-46%	-20%	-25%	-33%	-35%	-37%	-31%						-47%
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	Population	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2015 Usage (AF)	51,385	496	565	718	807	666	705	674	723	655	597	536	475	7,617
2015 GPCD		101	128	147	171	136	149	138	148	138	122	113	97	132
2016 Usage (AF)	51,385	409	486	483	544	695	667	750	-	-	-	-	-	4,035
2016 GPCD		84	110	99	115	142	141	153	-	-	-	-	-	121
CY over CY change in GPCD		-18	-18	-48	-56	+6	-8	+16						-12

	Population	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2015-16 Usage (AF)	51,385	674	723	655	597	536	475	409	486	483	544	695	667	6,943
2015-16 GPCD		138	148	138	122	113	97	84	110	99	115	142	141	121
2016-17 Usage (AF)	51,385	750	-	-	-	-	-	-	-	-	-	-	-	750
2016-17 GPCD		153	-	-	-	-	-	-	-	-	-	-	-	153
FY over FY change in GPCD		+16												+33

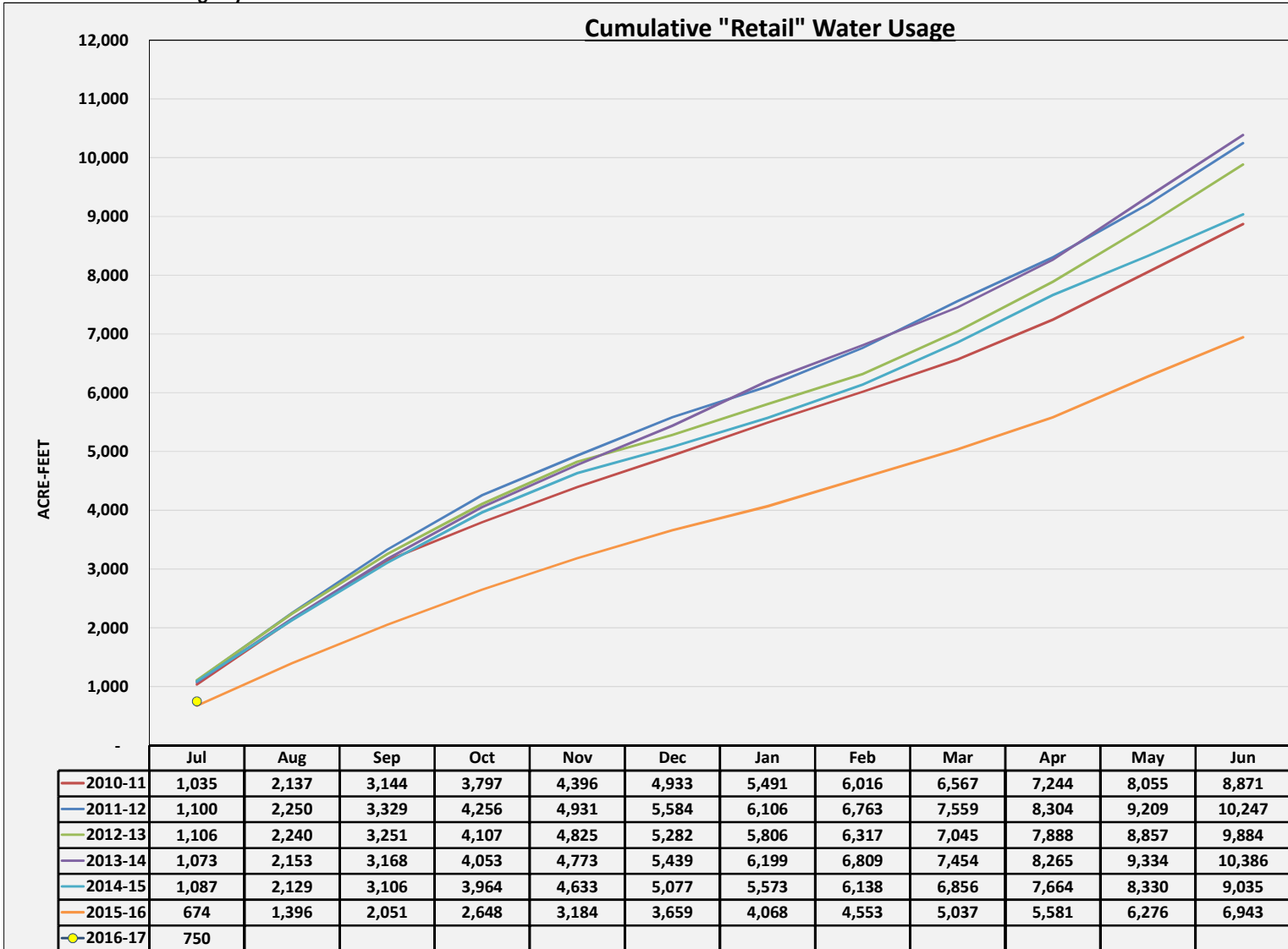
\*Cumulative through the end of the last month shown

\* 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
2015-16	66.2	90.1	71.2	57.4	35.3	36.1	11.5	24.4	23.9	76.5	83.9	138.1	714.6
2016-17	160.7												160.7

