



July 27, 2015

**TO:** LOCSO Board of Directors  
**FROM:** Margaret Falkner, Utility Compliance Technician III  
**SUBJECT:** **Agenda Item 9B – 8/6/2015 Board Meeting**  
Utilities Department Report for June 2015

*MKF*

**President**  
R. Michael Wright

**Vice President**  
Marshall E. Ochylski

**Directors**  
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Jon-Erik G. Storm  
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**WATER PRODUCTION**

The total production for the month of **June 2015** was approximately **11.7 million gallons (MG)** this equates to an average daily demand of 391,000 gallons. This represents a **decrease** in production from last year by approximately **42%**.

Fifty-seven percent of the service area received bills for approximately **11.7 MG** consumption for the period **May 11, 2015 through July 10, 2015**. This generated **\$119,138** in revenue. This represents a **decrease** in consumption by approximately **24%** and a **decrease** in revenue by approximately **13%** when compared to last year. Graphs and tables are attached.

**PRODUCTION AND RUNTIME HOURS BY WELL SITE**

Below are two tables that break down the production by well site and the runtime on the pump motor for the month of **June 2015**. Totals for last year are included for comparison:

<b>Production (MG) June</b>	<b>2015</b>	<b>2014</b>
Palisades	0.3343	5.1520
3 <sup>rd</sup> Street/Bayside	2.6846	3.1467
8 <sup>th</sup> Street/El Moro	3.0015	5.7728
10 <sup>th</sup> Street	2.9961	5.2564
South Bay (lower)	1.7182	0.8508
South Bay (upper)	0.9960	0.0000
<b>TOTAL:</b>	<b>11.7307</b>	<b>20.1787</b>

<b>Runtime (Hours) June</b>	<b>2015</b>	<b>2014</b>
Palisades	122.4	153.4
3 <sup>rd</sup> Street/Bayside	642.1	711.1
8 <sup>th</sup> Street/El Moro	147.0	282.5
10 <sup>th</sup> St	161.1	287.5
South Bay (lower)	601.2	713.7
South Bay (upper)	449.2	0.0
<b>TOTAL:</b>	<b>2123.0</b>	<b>2148.2</b>

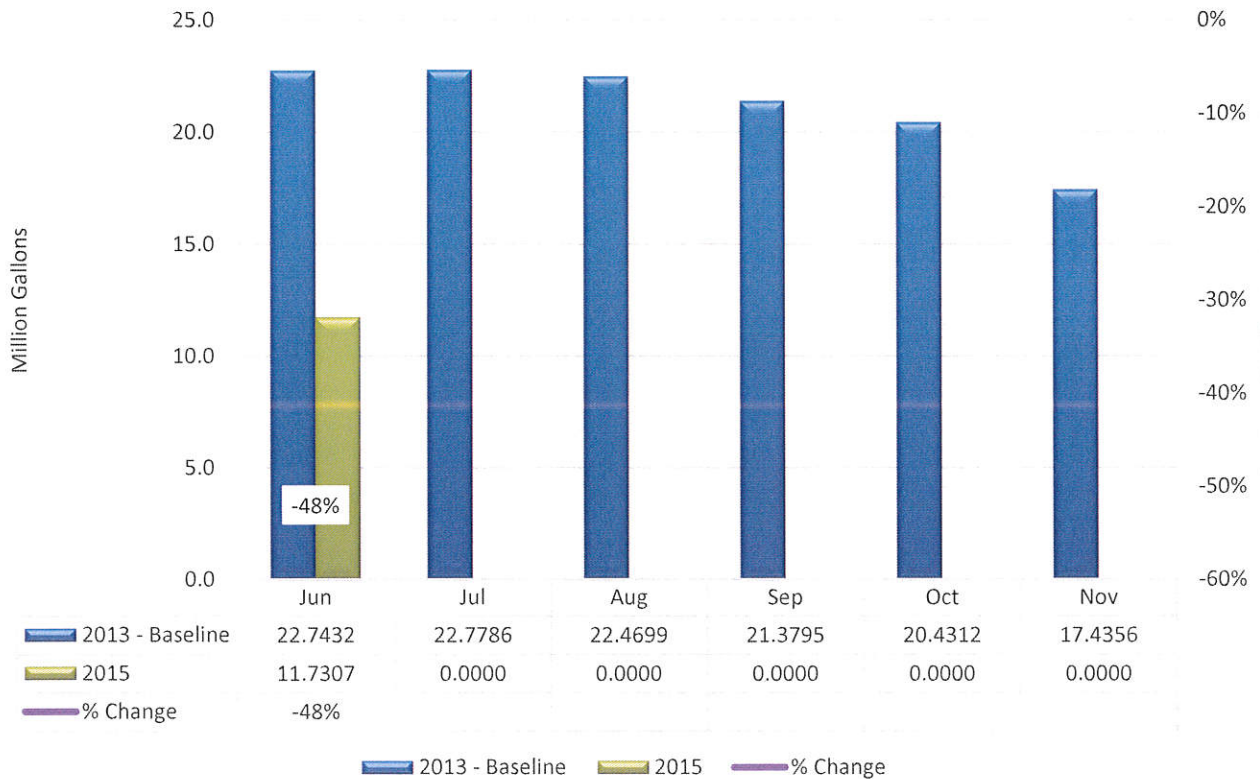
Please refer to the attached June 2015 "Well Log Summaries" for more data.

**CALIFORNIA STATE OF EMERGENCY DUE TO DROUGHT**

***We remain officially in a drought.***

The Los Osos Community Services District is a small water system as defined by the state. We will be reporting to the state in December 2015 for the months June through November. The graph below provides June 2015 production comparison with the baseline year of 2013.

**LOCSO Well Production Comparison Using State Guidelines**



**THE WATER CUSTOMER WEB PORTAL IS AVAILABLE**

Water customers can now access their account information through the web portal. If you already have an account and want to get information regarding payments, consumption, e-bills, and more go to our web site: <http://www.lososocsd.org/cm/Home.html> and click on the “Pay Your Water Bill Online” link. Be sure to have your water bill in hand so you can enter the five-digit account number. For those who just want to pay a bill and don’t want to set up an on-line account, use the quick pay button. You will still need the five-digit account number and a credit card. Use MasterCard, Visa, or Discover. There is a 3% service fee for the third-party vendor if you choose to pay this way. Visit our web page: <http://www.lososocsd.org/cm/billing/how-to-pay-your-bill.html> for other options to pay your bill. The photograph below is the main page for the web portal. We encourage customers with internet access to set up an on-line account.





Los Osos  
Community  
Services District



### Welcome to the Los Osos CSD Online Water Account Access



Username

Password

Forgot Password?

Please register in order to view your account.

Want to make a payment without logging in?

For Customers in the Los Osos Community Services District Water Service Area

*Credit card information is not stored by the Los Osos Community Services District.*

### DRAINAGE WDID # 3 40M2000133

The District complies with the General National Pollutant Discharge Elimination System (NPDES) Permit for storm water discharges for small Municipal Separate Storm Sewer Systems (MS4). Under this permit, all Community Services Districts are considered “Non-traditional” MS4s. Visit our web page for all sorts of information about drainage and storm water pollution prevention: <http://www.losososcسد.org/cm/utilities/Drainage.html>

Here is a chart of rain measured at our operations facility between January 1<sup>st</sup> & December 31<sup>st</sup>

Month	Year	Rainfall (Inches)	Year	Rainfall (Inches)	Year	Rainfall (Inches)	Year	Rainfall (Inches)
January	2015	0.19	2014	0.00	2013	0.97	2012	1.70
February	2015	0.89	2014	3.61	2013	0.56	2012	0.26
March	2015	0.26	2014	1.34	2013	0.62	2012	2.19
April	2015	0.79	2014	1.03	2013	0.03	2012	2.28
May	2015	0.13	2014	0.00	2013	0.10	2012	0.00
June	2015	0.03	2014	0.00	2013	0.00	2012	0.00
July	2015		2014	0.00	2013	0.00	2012	0.00
August	2015		2014	0.00	2013	0.00	2012	0.00
September	2015		2014	0.00	2013	0.00	2012	0.00
October	2015		2014	1.21	2013	0.29	2012	1.17
November	2015		2014	1.56	2013	0.36	2012	1.03
December	2015		2014	4.93	2013	0.19	2012	2.89
<b>Total</b>		<b>2.29</b>		<b>13.67</b>		<b>3.12</b>		<b>11.52</b>

**BAYRIDGE ESTATES WDID# 3 401027001**

Crews continue monitoring and grounds keeping at this facility. Once connected to the Los Osos Wastewater Project, the District crews will no longer maintain the septic system.

**VISTA DE ORO WDID# 3 401024001**

Crews continue monitoring and grounds keeping at this facility. Once connected to the Los Osos Wastewater Project, the District crews will no longer maintain the septic system.

**RECOMMENDATION**

Staff encourages the Board to ask any questions they may have with regard to the aforementioned report or any other related item that may be listed separately as an agenda item.

Attachments



<b>JUNE 2015</b>	8th St./ EI Moro Well	3rd St./ Bayside Well	10th St. Well	South Bay Well	South Bay Upper Well	Palisades Well	All Wells TOTAL	Last Years TOTAL	Percent% Differential
Total Gallons Produced, Mgal	3.0015	2.6846	2.9961	1.7182	0.9960	0.3343	<b>11.7307</b>	20.1787	<b>-41.87%</b>
Average Daily Flow, Mgal							0.3910		
Total Gallons to Waste ( <i>Filter Backwash</i> ), Mgal	0.0000			0.0000			<b>0.0000</b>	<b>0.0000</b>	
Total Gallons to Waste ( <i>System Flushing</i> ), Mgal							<b>0.0000</b>	<b>0.0000</b>	
Distribution System Losses ( <i>Water Line Breaks</i> ), Mgal							0.0000	0.0500	
Total Gallons Adjusted, Mgal	3.0015			1.7182			<b>11.7307</b>	20.1287	<b>-41.72%</b>
Pump Runtime, total hours	147.0	642.1	161.1	601.2	449.2	122.4	2123.0	2148.2	<b>-1.19%</b>
Daily Avg. Runtime, hours/day	4.9	21.4	5.4	20.0	15.0	4.1			
Energy Used, kWatts	5763	5113	7459	10026		6250	34611	48144	<b>-28.11%</b>
Eff. Ratio, kWatts/hr	39.20	7.96	46.30	16.68		51.06			
Chlorine Used, total gallons	42.7	30.0	16.5	31.1		56.6	176.9	219.2	<b>-19.32%</b>
Aqua Mag, pounds	57.4		30.8	0.0		50.0	138.2	180.6	<b>-23.48%</b>
Static water level, ft.	32.50	6.40	154.10	125.00	95.80	95.10			
Pump water level, ft.	137.60	54.40	245.00	182.00	121.90	217.60			
Draw-down level, ft.	105.10	48.00	90.90	57.00	26.10	122.50			
Gallons per minute	339	74	331	82	34	331			
Pressure, psi	95	77	35	79	54	47			

Well Log Summaries

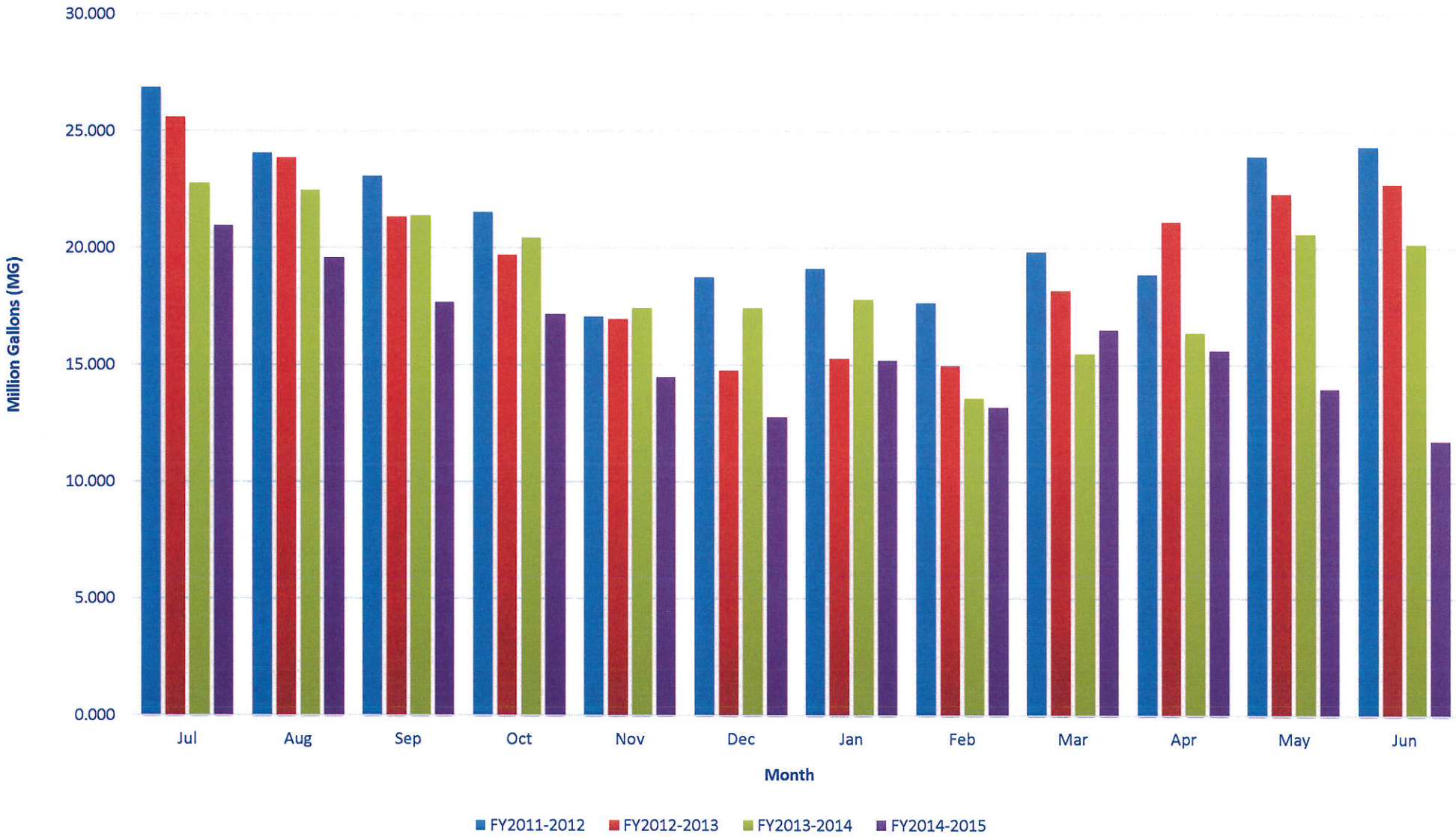
## LOCSD Water Data

### Water Production Data in Million Gallons

	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>
Jul	26.868	25.600	22.779	20.979
Aug	24.064	23.862	22.470	19.593
Sep	23.086	21.340	21.380	17.668
Oct	21.543	19.708	20.431	17.169
Nov	17.046	16.939	17.436	14.482
Dec	18.745	14.747	17.431	12.759
Jan	19.117	15.268	17.780	15.174
Feb	17.662	14.940	13.584	13.171
Mar	19.843	18.193	15.476	16.508
Apr	18.873	21.118	16.354	15.591
May	23.914	22.310	20.591	13.966
Jun	24.347	22.743	20.179	11.731
<b>TOTAL</b>	<b>255.107</b>	<b>236.767</b>	<b>225.890</b>	<b>188.791</b>

Consumption is billed for a two month period every month.  
Revenue is based on gallons billed - not cash received.  
Production is recorded daily.

# Historical to Present LOCSO Well Production Data





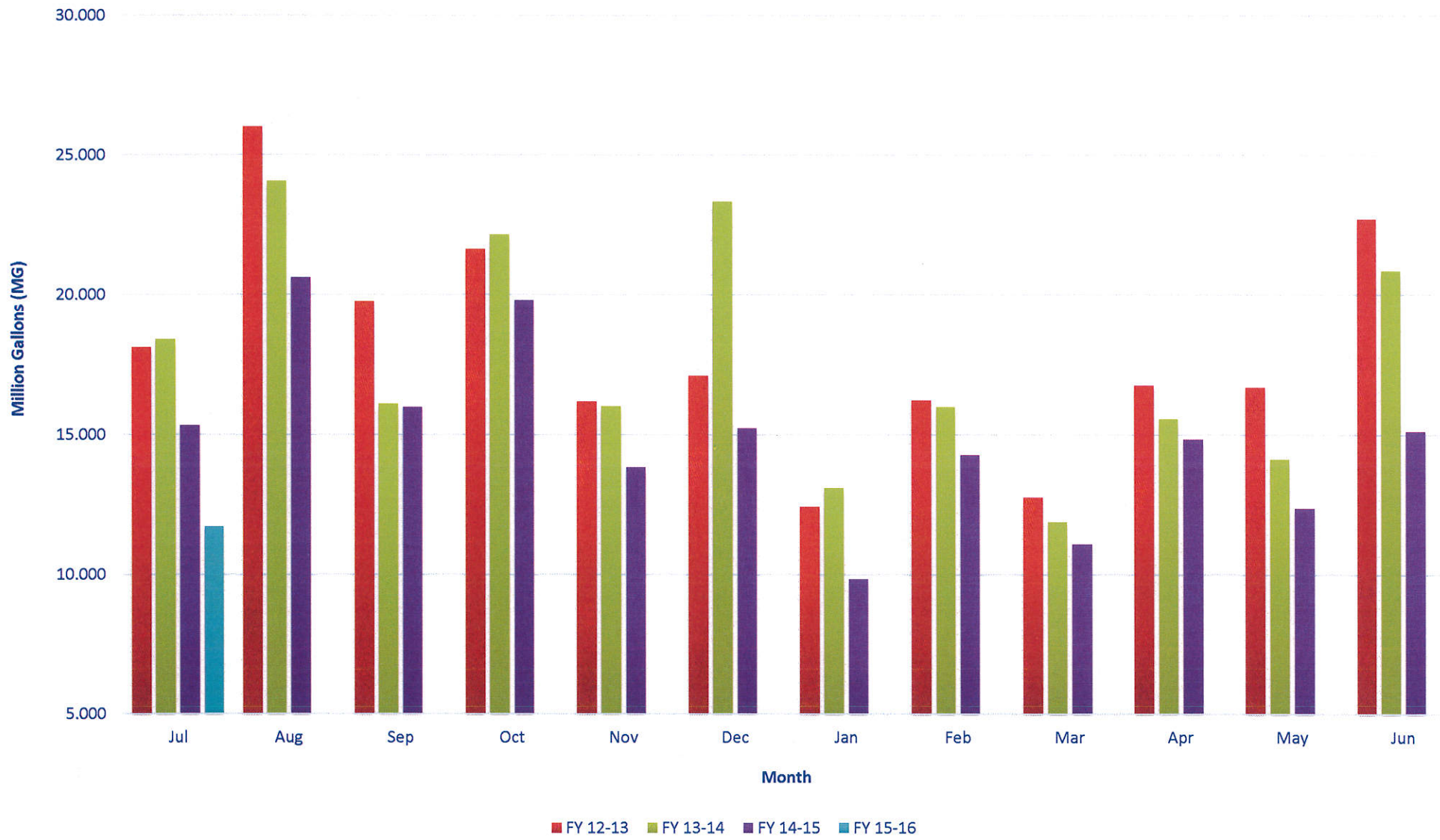
### LOCSD Water Data

Water Consumption Data in Million Gallons						
% of Service Area	Billing Period		FY 12-13	FY 13-14	FY 14-15	FY 15-16
43	5/11 to 7/10	Jul	18.110	18.402	15.330	11.709
57	6/11 to 8/10	Aug	26.006	24.061	20.627	
43	7/11 to 9/10	Sep	19.748	16.087	15.989	
57	8/11 to 10/10	Oct	21.617	22.142	19.804	
43	9/11 to 11/10	Nov	16.155	15.994	13.830	
57	10/11 to 12/10	Dec	17.096	23.342	15.236	
43	11/11 to 1/10	Jan	12.406	13.105	9.828	
57	12/11 to 2/10	Feb	16.223	15.969	14.276	
43	1/11 to 3/10	Mar	12.737	11.886	11.079	
57	2/11 to 4/10	Apr	16.756	15.559	14.829	
43	3/11 to 5/10	May	16.686	14.131	12.367	
57	4/11 to 6/10	Jun	22.709	20.852	15.111	
		<b>TOTAL</b>	<b>216.249</b>	<b>211.530</b>	<b>178.306</b>	<b>11.709</b>

Consumption is billed for a two month period every month.  
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 Production is recorded daily.



## Historical to Present LOCS D Water Consumption



**LOCSD Water Data**

<b>Water Revenue Data</b>						
<b>% of Service Area</b>	<b>Billing Period</b>		<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>
43	5/11 to 7/10	Jul	\$127,737.70	\$150,401.90	\$137,752.98	\$119,138.01
57	6/11 to 8/10	Aug	\$175,798.70	\$147,246.54	\$187,468.02	
43	7/11 to 9/10	Sep	\$139,628.43	\$145,135.28	\$147,808.06	
57	8/11 to 10/10	Oct	\$163,698.98	\$187,431.78	\$182,463.96	
43	9/11 to 11/10	Nov	\$128,918.55	\$143,029.03	\$130,772.31	
57	10/11 to 12/10	Dec	\$142,026.32	\$206,187.91	\$145,977.27	
43	11/11 to 1/10	Jan	\$104,328.08	\$120,500.40	\$99,970.19	
57	12/11 to 2/10	Feb	\$132,433.64	\$137,045.65	\$138,344.52	
43	1/11 to 3/10	Mar	\$95,487.96	\$111,475.31	\$109,092.25	
57	2/11 to 4/10	Apr	\$135,947.81	\$121,943.68	\$143,355.32	
43	3/11 to 5/10	May	\$133,939.00	\$128,784.61	\$120,013.25	
57	4/11 to 6/10	Jun	\$172,139.37	\$187,230.13	\$148,384.13	
		<b>TOTAL</b>	<b>\$1,652,084.54</b>	<b>\$1,786,412.22</b>	<b>\$1,691,402.26</b>	<b>\$119,138.01</b>

Consumption is billed for a two month period every month.  
 Revenue is based on gallons billed - not cash received.  
 Production is recorded daily.

# Historical to Present LOCS D Water Revenue

