



October 20, 2015

TO: LOCSD Board of Directors
FROM: Margaret Falkner, Utility Compliance Technician III
SUBJECT: **Agenda Item 9B – 11/5/2015 Board Meeting**
 Utilities Department Report for August & September 2015

President
 R. Michael Wright

Vice President
 Marshall E. Ochylski

Directors
 Charles L. Cesena
 Jon-Erik G. Storm
 Louis G. Tornatzky

General Manager
 Kathy A. Kivley

District Accountant
 Michael L. Doyel

Fire Chief
 Robert Lewin

Battalion Chief
 Phill Veneris

WATER PRODUCTION & BILLING INFORMATION

The total production for the month of **August 2015** was approximately **14.5 million gallons (MG)** this equates to an average daily demand of 468,600 gallons. This represents a **decrease** in production from last year by approximately **26%**. Using the state's formula based on production, the residents in our water service area used 61 gallons per person per day.

Forty-three percent of the service area received bills for approximately **11.8 MG** consumption for the period **July 9, 2015 through September 11, 2015**. This generated **\$135,669** in revenue. This represents a **decrease** in consumption by approximately **26%** and a **decrease** in revenue by approximately **8%** when compared to last year.

The total production for the month of **September 2015** was approximately **14.6 million gallons (MG)** this equates to an average daily demand of 488,000 gallons. This represents a **decrease** in production from last year by approximately **17%**. Using the state's formula based on production, the residents in our water service area used 64 gallons per person per day.

Fifty-seven percent of the service area received bills for approximately **15.8 MG** consumption for the period **August 7, 2015 through October 13, 2015**. This generated **\$178,030** in revenue. This represents a **decrease** in consumption by approximately **20%** and a **decrease** in revenue by approximately **2%** when compared to last year. Graphs and tables are attached.

PRODUCTION AND RUNTIME HOURS BY WELL SITE

On the next page are four tables that break down the production by well site and the runtime on the pump motors for the months of **August 2015** and **September 2015**. Totals for last year are included for comparison:

Mailing Address:
 P.O. Box 6064
 Los Osos, CA 93412

Offices:
 2122 9th Street, Suite 102
 Los Osos, CA 93402

Phone: 805/528-9370
FAX: 805/528-9377

www.locsd.org

Production (MG) August	2015	2014
Palisades	0.1430	4.9650
3 rd Street/Bayside	2.8686	3.1665
8 th Street/EI Moro	4.4749	4.8336
10 th Street	4.7753	6.2541
South Bay (lower)	1.6918	0.3739
South Bay (upper)	0.5730	0.0000
TOTAL:	14.5266	19.5931

Runtime (Hours) August	2015	2014
Palisades	49.1	148.8
3 rd Street/Bayside	682.5	715.1
8 th Street/El Moro	217.9	237.6
10 th St	259.7	342.0
South Bay (lower)	592.4	300.4
South Bay (upper)	256.9	0.0
TOTAL:	2058.5	1743.9

Production (MG) September	2015	2014
Palisades	0.0286	8.8860
3 rd Street/Bayside	2.9131	2.9888
8 th Street/El Moro	4.8966	0.5067
10 th Street	4.5100	5.2826
South Bay (lower)	1.6223	0.0026
South Bay (upper)	0.6690	0.0000
TOTAL:	14.6396	17.6667

Runtime (Hours) September	2015	2014
Palisades	9.8	273.0
3 rd Street/Bayside	695.8	676.0
8 th Street/El Moro	241.3	23.9
10 th St	305.7	291.1
South Bay (lower)	567.2	0.3
South Bay (upper)	301.3	0.0
TOTAL:	2121.1	1264.3

Please refer to the attached August 2015 & September 2015 "Well Log Summaries" for more data.

CALIFORNIA STATE OF EMERGENCY DUE TO DROUGHT

We remain officially in a drought.

A REMINDER FROM THE UTILITIES DEPARTMENT

According to our Water Shortage Contingency Plan, outdoor irrigation should only occur between dusk and dawn, twice a week. In our water service area, even numbered addresses should irrigate Wednesday & Sunday; odd numbered addresses should irrigate on Tuesday & Saturday. Please do not allow water to run off your property.

Water conservation information is available at our web page under the Utilities drop-down menu: <http://www.losososcsd.org/cm/utilities/water-conservation.html>

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).

Residents should be prepared to protect their property when rain is in the forecast. There are sandbags for sale at the District office and Station 15-South Bay Fire Department on Bayview Heights Drive. We charge \$4.50 for a bundle of 10 or \$.45 each. **Free sand** is available for Los Osos residents at Station 15-South Bay Fire Department at **2315 Bayview Heights Drive** and the Municipal Operations Facility at **953 El Moro Avenue** in Los Osos.

Even when it isn't raining trash, pesticides, fertilizers, animal excrement, and other pollutants can make their way to drainage systems then eventually out to the bay. Helpful tips are available on the District's Drainage web page: <http://www.losososcsd.org/cm/utilities/Drainage.html>

Coastal Cleanup Day 2015, Saturday, September 19th, 9am-12noon, 2015 Results:

ECO SLO reported the results of their annual coastal cleanup Those volunteers picked up 5,273 pounds of trash and an additional 163 pounds of recyclable material, for a total of 5,436 pounds. This is an increase of almost 2,000 pounds compared to 2014. Thank you to all the volunteers and sponsors for this effort. A copy of a letter of gratitude is attached.

Rain measured at our operations facility between January 1st & December 31st

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	2.05	2014	0.00	2013	0.00	2012	0.00
August	2015	0.00	2014	0.00	2013	0.00	2012	0.00
September	2015	0.08	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
Total		4.42		13.67		3.12		11.52

BAYRIDGE ESTATES W DID# 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 W DID# 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

Office: 246 S. Higuera St.
San Luis Obispo, CA 93401
Mail: PO Box 1014
San Luis Obispo, CA 93406



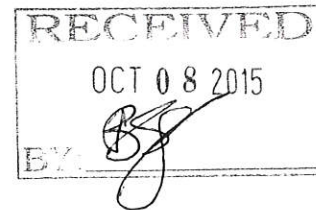
Phone: (805) 544-1777
Email: info@ecoslo.org
Online: www.ecoslo.org



Protecting and enhancing the Central Coast since 1971

October 6th, 2015

Margaret Faulkner
Los Osos Community Service District
2122 9th Street, Suite 102
Los Osos, CA 93402



Dear Margaret,

Thank you for Los Osos Community Service District's donation of \$250 on 6/27/2015 in support of the 31st Annual Coastal Cleanup Day. Your continued support in this annual local event is appreciated.

On Saturday, September 19th, nearly 1,000 volunteers removed over 5,400 pounds of trash and recyclables from 61 miles of coast and shorelines. Cleanup efforts were organized locally by ECOSLO with partnership from organizations and individuals, leading each site day-of. Cleanup efforts took place at twenty-eight sites across San Luis Obispo County, including two new sites, Harmony Headlands and Oso Flaco.

In addition to cleaning up our shorelines, the event served to educate the public on the scope of the debris problem and the importance of keeping our oceans clean. It also generated great publicity for our event sponsors, like you, with coverage on local radio and television stations, as well as articles and advertisements in virtually every paper in the county.

Thank you once again for supporting ECOSLO's efforts to make the 31st Annual Coastal Cleanup Day a success. This event makes a difference not only locally, but internationally, and it would not be possible without your sponsorship. We look forward to your continued support in 2016!

Sincerely,

Mary Ciesinski
Executive Director

Maureen Abert
Coastal Cleanup Day Intern Coordinator

AUGUST 2015	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	4.4749	2.8686	4.7753	1.6918	0.5730	0.1430	14.5266	19.5931	-25.86%
Average Daily Flow, Mgal							0.4686		
Total Gallons to Waste (Filter Backwash), Mgal	0.0000			0.0000	0.0000		0.0000	0.0000	
Total Gallons to Waste (System Flushing), Mgal							0.0000	0.0000	
Distribution System Losses (Water Line Breaks), Mgal							0.0000	0.0000	
Total Gallons Adjusted, Mgal	4.4749			1.6918			14.5266	19.5931	-25.86%
Pump Runtime, total hours	217.9	682.5	259.7	592.4	256.9	49.1	2058.5	1743.9	15.28%
Daily Avg. Runtime, hours/day	7.0	22.0	8.4	19.1	8.3	1.6			
Energy Used, kWatts	8460	5430	10634	8759		2837	36120	43327	-16.63%
Eff. Ratio, kWatts/hr	38.83	7.96	40.95	14.79		57.78			
Chlorine Used, total gallons	69.7	28.9	22.6	24.7		25.4	171.3	203.1	-15.67%
Aqua Mag, pounds	5.8		4.6	0.0		9.8	20.2	201.2	-89.96%
Static water level, ft.	36.90	7.10	157.30	122.95	93.90	93.40			
Pump water level, ft.	139.10	53.90	244.70	181.80	118.10	272.50			
Draw-down level, ft.	102.20	46.80	87.40	58.85	24.20	179.10			
Gallons per minute	351	71	326	18	18	341			
Pressure, psi	93	80	34	62	66	60			

SEPTEMBER 2015	8th St./ El 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	4.8966	2.9131	4.5100	1.6223	0.6690	0.0286	14.6396	17.6667	-17.13%
Average Daily Flow, Mgal							0.4880		
Total Gallons to Waste (Filter Backwash), Mgal	0.0357			0.0000	0.0000		0.0357	0.0236	
Total Gallons to Waste (System Flushing), Mgal							0.0000	0.0000	
Distribution System Losses (Water Line Breaks), Mgal							0.0000	0.0000	
Total Gallons Adjusted, Mgal	4.8609			1.6223			14.6039	17.6431	-17.23%
Pump Runtime, total hours	241.3	695.8	305.7	567.2	301.3	9.8	2121.1	1264.3	40.39%
Daily Avg. Runtime, hours/day	8.0	23.2	10.2	18.9	10.0	0.3			
Energy Used, kWatts	9329	5524	10141	8831		593	34418	39430	-12.71%
Eff. Ratio, kWatts/hr	38.66	7.94	33.17	15.57		60.51			
Chlorine Used, total gallons	77.8	30.6	25.1	26.7		5.4	165.6	81.2	103.94%
Aqua Mag, pounds	38.6		22.0	0.0		2.0	62.6	142.8	-56.16%
Static water level, ft.	36.20	6.35	157.20	126.70	95.60	92.65			
Pump water level, ft.	138.50	52.80	245.60	181.60	119.30	0.00			
Draw-down level, ft.	102.30	46.45	88.40	54.90	23.70	0.00			
Gallons per minute	343	71	346	31	27	0			
Pressure, psi	95	82	38	94	63	0			

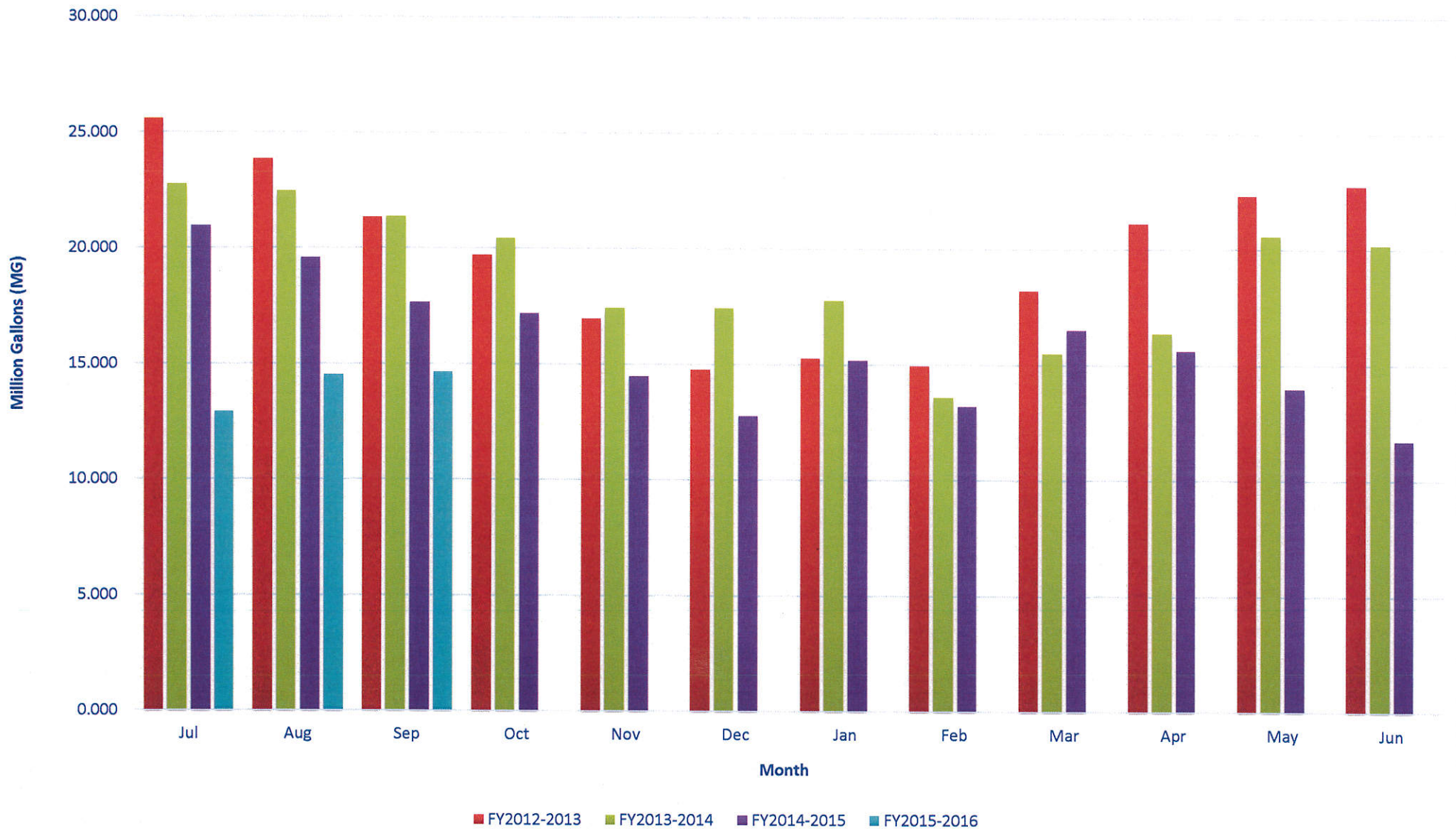
Well Log Summaries

LOCSD Water Data

Water Production Data in Million Gallons				
	FY 12-13	FY 13-14	FY 14-15	FY 15-16
Jul	25.600	22.779	20.979	12.924
Aug	23.862	22.470	19.593	14.527
Sep	21.340	21.380	17.667	14.640
Oct	19.708	20.431	17.169	
Nov	16.939	17.436	14.482	
Dec	14.747	17.431	12.759	
Jan	15.268	17.780	15.174	
Feb	14.940	13.584	13.171	
Mar	18.193	15.476	16.508	
Apr	21.118	16.354	15.591	
May	22.310	20.591	13.966	
Jun	22.743	20.179	11.731	
TOTAL	236.767	225.890	188.790	42.090

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 Well Production Data

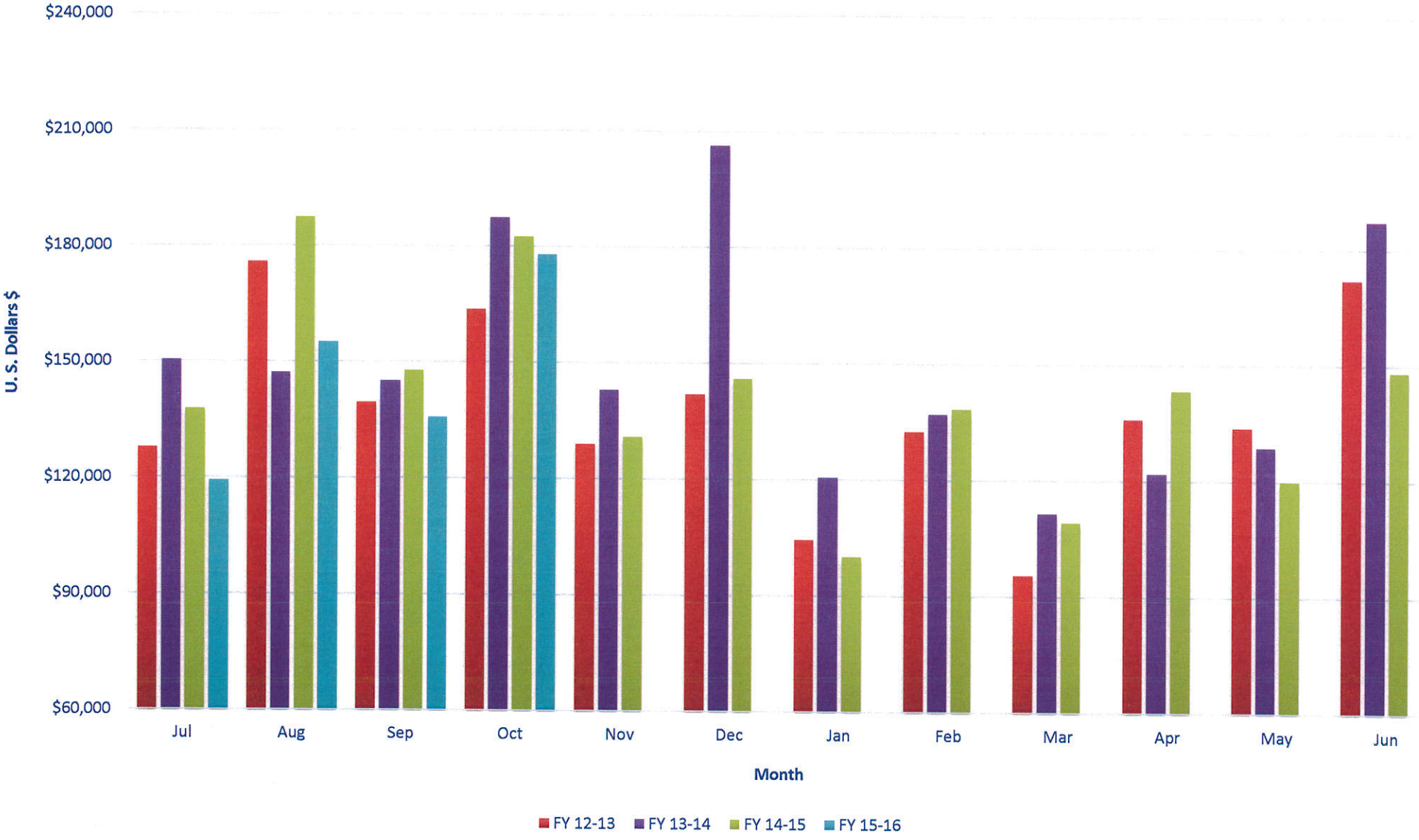


LOCSD Water Data

Water Revenue Data						
% of Service Area	Billing Period		FY 12-13	FY 13-14	FY 14-15	FY 15-16
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	\$154,995.56
43	7/11 to 9/10	Sep	\$139,628.43	\$145,135.28	\$147,808.06	\$135,669.34
57	8/11 to 10/10	Oct	\$163,698.98	\$187,431.78	\$182,463.96	\$178,030.01
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	
		TOTAL	\$1,652,084.54	\$1,786,412.22	\$1,691,402.26	\$587,832.92

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



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	14.342
43	7/11 to 9/10	Sep	19.748	16.087	15.989	11.812
57	8/11 to 10/10	Oct	21.617	22.142	19.804	15.787
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	
		TOTAL	216.249	211.530	178.306	53.649

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 Consumption

