



December 27, 2016

TO: LOCSD Board of Directors
FROM: Margaret Falkner, Utility Compliance Technician III
SUBJECT: **Agenda Item 9C – 1/5/2017 Regular Board Meeting**
Utilities Department Report for **November 2016**

MLF

President
Marshall E. Ochylski

Vice President
Jon-Erik G. Storm

Directors
Charles L. Cesena
Vicki L. Milledge
Louis G. Tornatzky

General Manager
Renee Osborne

District Accountant
Warmerdam CPA Group

Unit Chief
Scott M. Jalbert

Battalion Chief
Josh Taylor

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.losososcsd.org

WATER PRODUCTION INFORMATION

The total production for the month of **November 2016** was approximately **13.9 million gallons (MG)** this equates to an average daily demand of 464,000 gallons. This represents an **increase** in production from last year by approximately **24%**.

Using the state's formula to calculate residential usage per capita per day, for the month of **November 2016** our residential customers used **62** gallons per person per day.

PRODUCTION AND RUNTIME HOURS BY WELL SITE

The following tables break down the production by well site and runtime on the pump motors for the month of **November 2016**. Totals for last year are included for comparison:

Production (MG) November	2016	2015
Palisades	3.9635	0.1112
3 rd Street/Bayside	0.0000	2.7749
8 th Street/El Moro	3.9020	3.2010
10 th Street	3.7762	2.9975
South Bay (lower)	1.9136	1.5211
South Bay (upper)	0.3660	0.6500
TOTAL:	13.9213	11.2557

Runtime (Hours) November	2016	2015
Palisades	165.9	51.5
3 rd Street/Bayside	0.0	661.0
8 th Street/El Moro	171.5	157.7
10 th St	209.2	159.2
South Bay (lower)	670.2	534.0
South Bay (upper)	163.7	288.1
TOTAL:	1380.5	1851.5

WATER BILLING INFORMATION

Fifty-seven percent of the service area received bills for approximately **12.9 MG** consumption for the period **October 11, 2016 through December 14, 2016**. This generated approximately **\$171,281** in revenue. This represents a **decrease** in consumption by approximately **5%** and an **increase** in revenue by approximately **8%** in comparison to last year at this time.

Enclosed are summary sheets for November 2016 along with graphs and tables for production, consumption and revenues.

FIRST DRAW LEAD AND COPPER WATER SAMPLING

Every three years the Los Osos Community Services District continues to monitor lead and copper levels found in consumer's tap water as mandated by the U.S. Environmental Protection Agency and State Water Resources Control Board (SWRCB), Division of Drinking Water (DDW). This program tests water that is drawn from a kitchen faucet after a minimum of six hours sitting in household plumbing pipe. The District's water permit requires a minimum of 20 households participate every three years. The District has no control over the materials used in household plumbing.

All samples are collected through the cooperation of volunteer residents. This year 21 residents participated in September 2016. It is nice to be able to report that all lead samples came back as non-detectable or less than 0.005 mg/L* of lead. A majority of the copper samples came back as non-detectable. A letter with the results of the sampling were sent to each of the participants. The District would like to thank all the volunteers in this important tri-annual sampling program once again.

*mg/L = milligrams per liter = one drop in 14 gallons

LOCSD AND GOLDEN STATE WATER COMPANY INTER-TIE PROJECT WORK

On December 20, 2016 representatives from the LOCSD, Golden State Water Company, Wallace Group, and John Madonna Construction met at 8:30 at the LOCSD office for a pre-construction meeting. Schedule of work and other items were discussed with assignments to various participants. The project location is the northwest corner of Los Olivos Avenue and 11th Street. The District provided the attached letter to residents in our water service area via door hanger and mailed to owners of the adjacent properties. This letter was hand delivered to the receptionist at Go Westy on December 22, 2016. The focus of the letter is parking issues. The Contractor will mobilize on December 30, 2016 and begin work on January 3, 2017. There will be some lane closures during the construction.

DRAINAGE WDID # 3 40M2000133

November produced 3.27 inches of rain recorded at the Water Operations Facility which brought the total rainfall for the calendar year to 14.69 inches. The County has a new link to rain information: <http://wr.slocountywater.org/home.php>

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). Whether it is raining or dry trash, pesticides, animal excrement, and other pollutants make their way to drainage systems then eventually out to the bay. Storm water pollution prevention measures are available on the District's Drainage web page: <http://www.losososcsd.org/drainage-e293b4b>

BAYRIDGE ESTATES WDID# 3 401027001

This subdivision was hooked up to the LOWWP collection system in early May 2016. There are 10 remaining septic tanks to be decommissioned. A notice of termination will be filed with the state on waste discharge orders once all paperwork is completed for transferring this subdivision to the County of San Luis Obispo. Until these documents are finalized our crews continue monitoring and responding to backups in the system. The District operated lift-station pump has been disconnected and removed. A permit fee of \$1,440 was paid for the period 7/1/2016 through 6/30/2017.

VISTA DE ORO WDID# 3 401024001

This subdivision was hooked up to the LOWWP collection system in April 2016. A notice of termination will be filed with the state on waste discharge orders once all paperwork is completed for transferring this subdivision to the County of San Luis Obispo. A permit fee of \$1,440 was paid for the period 7/1/2016 through 6/30/2017.

RECOMMENDATION

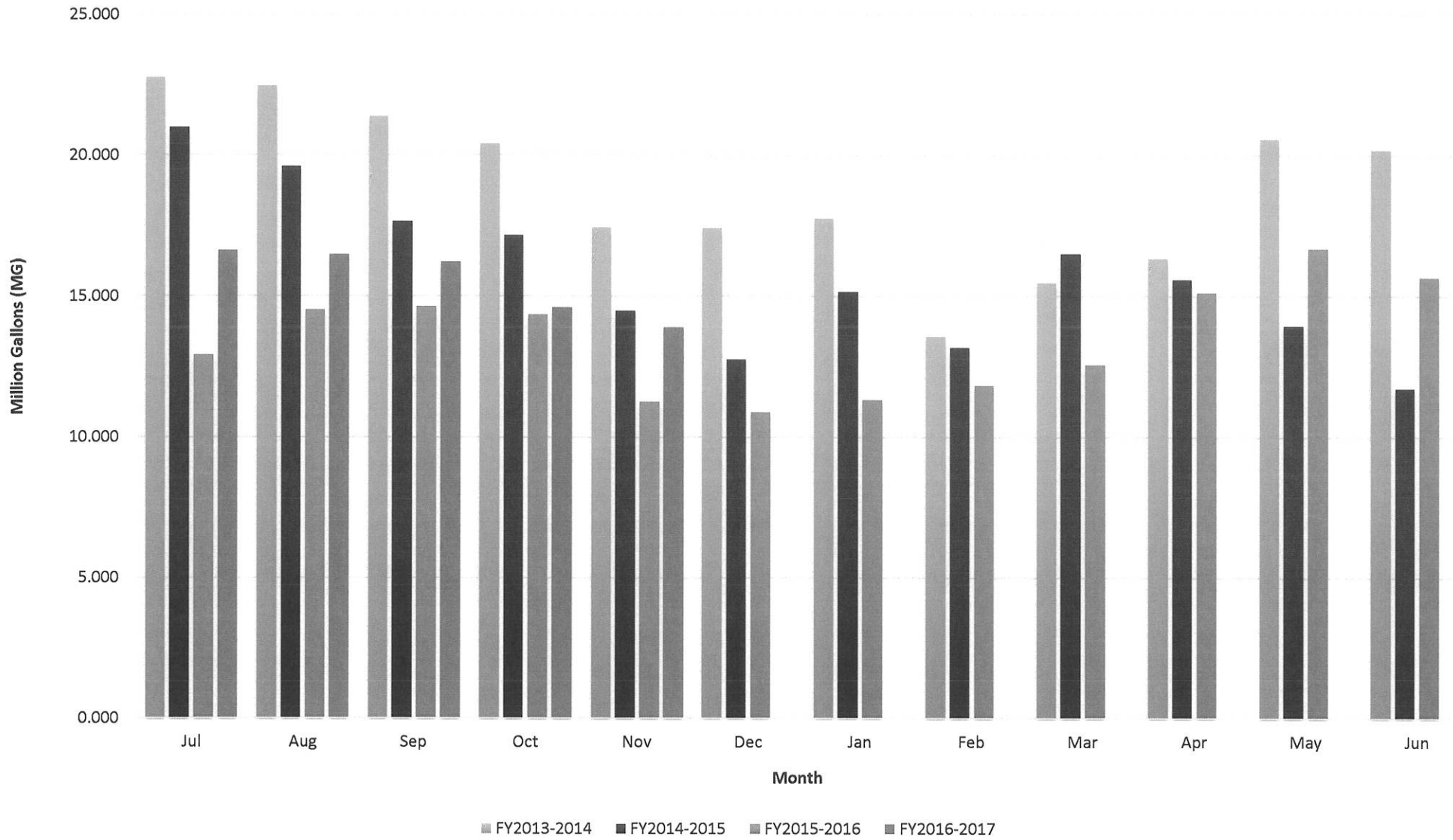
Staff encourages the Board to ask any questions they may have with regard to the aforementioned report or any other related item that may be listed separately as an agenda item.

Attachments

NOVEMBER 2016	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
<i>Total Gallons Produced, Mgal</i>	3.9020	0.0000	3.7762	1.9136	0.3660	3.9635	13.9213	11.2557	23.68%
<i>Average Daily Flow, Mgal</i>							0.4640		
<i>Total Gallons to Waste (Filter Backwash), Mgal</i>	0.0354			0.0000	0.0000		0.0354	0.0000	
<i>Total Gallons to Waste (System Flushing), Mgal</i>							0.0000	0.0000	
<i>Distribution System Losses (Water Line Breaks), Mgal</i>							0.0000	0.0000	
<i>Total Gallons Adjusted, Mgal</i>	3.8666			1.9136			13.8859	11.2557	23.37%
<i>Pump Runtime, total hours</i>	171.5	0.0	209.2	670.2	163.7	165.9	1380.5	1851.5	-34.12%
<i>Daily Avg. Runtime, hours/day</i>	5.7	0.0	7.0	22.3	5.5	5.5			
<i>Energy Used, kWatts</i>	6912	32	8480	9172		6745	31341	28821	8.74%
<i>Eff. Ratio, kWatts/hr</i>	40.30	0.00	40.54	13.69		40.66			
<i>Chlorine Used, total gallons</i>	49.4	0.0	27.9	26.8		30.4	134.5	132.7	1.38%
<i>Aqua Mag, pounds</i>	25.8		0.0	0.0		33.2	59.0	40.6	45.32%
<i>Static water level, ft.</i>	34.60	3.51	153.37	102.80	95.20	107.32			
<i>Pump water level, ft.</i>	153.23	0.00	256.10	183.07	0.00	209.27	3rd St. Well Out of Service.		
<i>Draw-down level, ft.</i>	118.63	0.00	102.73	80.27	0.00	101.95			
<i>Gallons per minute</i>	386	0	316	51	0	305			
<i>Pressure, psi</i>	95	0	37	63	0	55			

Well Log Summaries

Historical to Present LOCSO Well Production Data

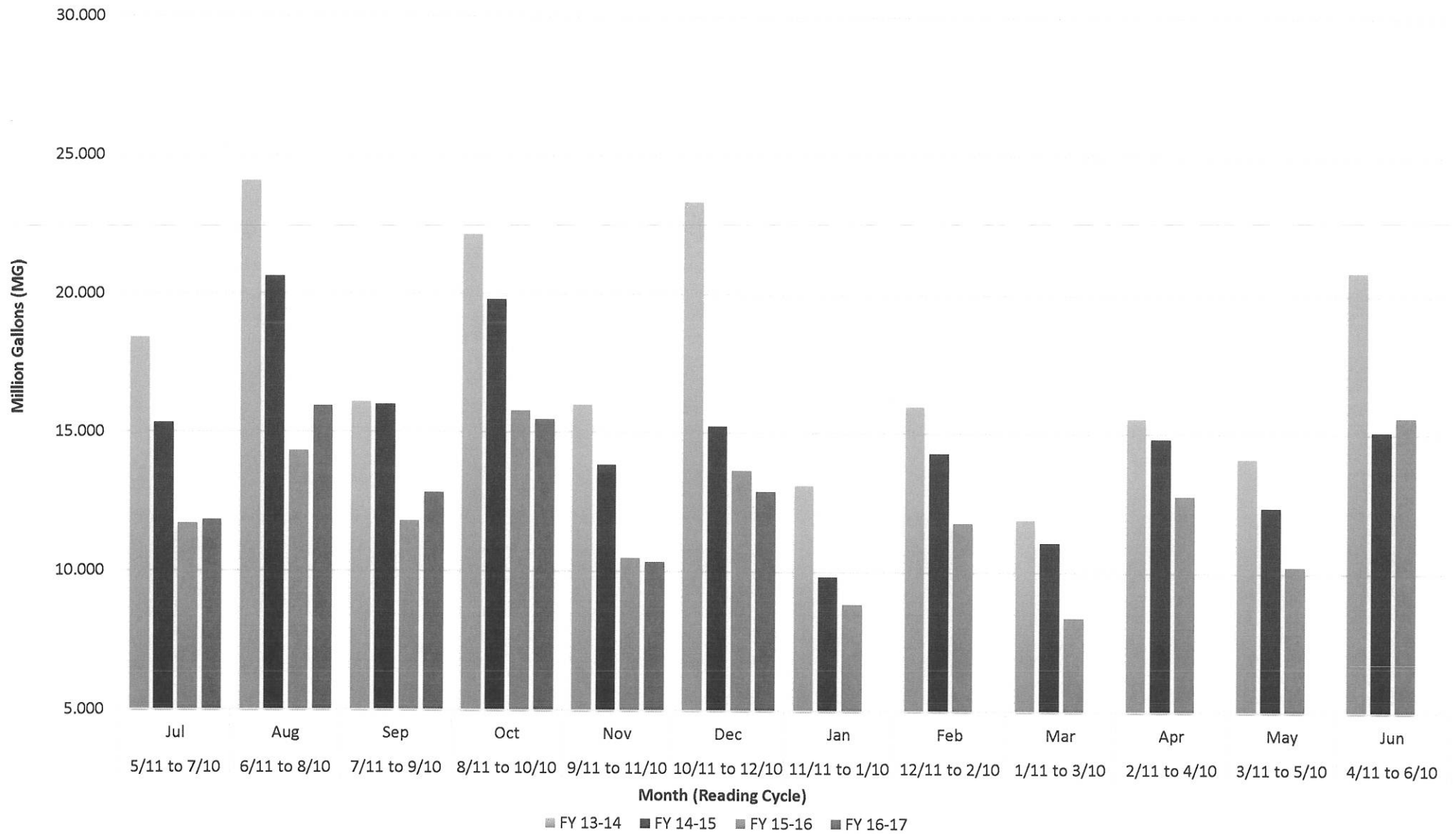


LOCSD Water Data

Water Production Data in Million Gallons					
	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17
Jul	25.600	22.779	20.979	12.924	16.640
Aug	23.862	22.470	19.593	14.527	16.475
Sep	21.340	21.380	17.667	14.640	16.233
Oct	19.708	20.431	17.169	14.357	14.624
Nov	16.939	17.436	14.482	11.256	13.921
Dec	14.747	17.431	12.759	10.891	
Jan	15.268	17.780	15.174	11.329	
Feb	14.940	13.584	13.171	11.839	
Mar	18.193	15.476	16.508	12.562	
Apr	21.118	16.354	15.591	15.117	
May	22.310	20.591	13.966	16.695	
Jun	22.743	20.179	11.731	15.674	
TOTAL	236.767	225.890	188.790	161.807	77.894

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 Based on Billing

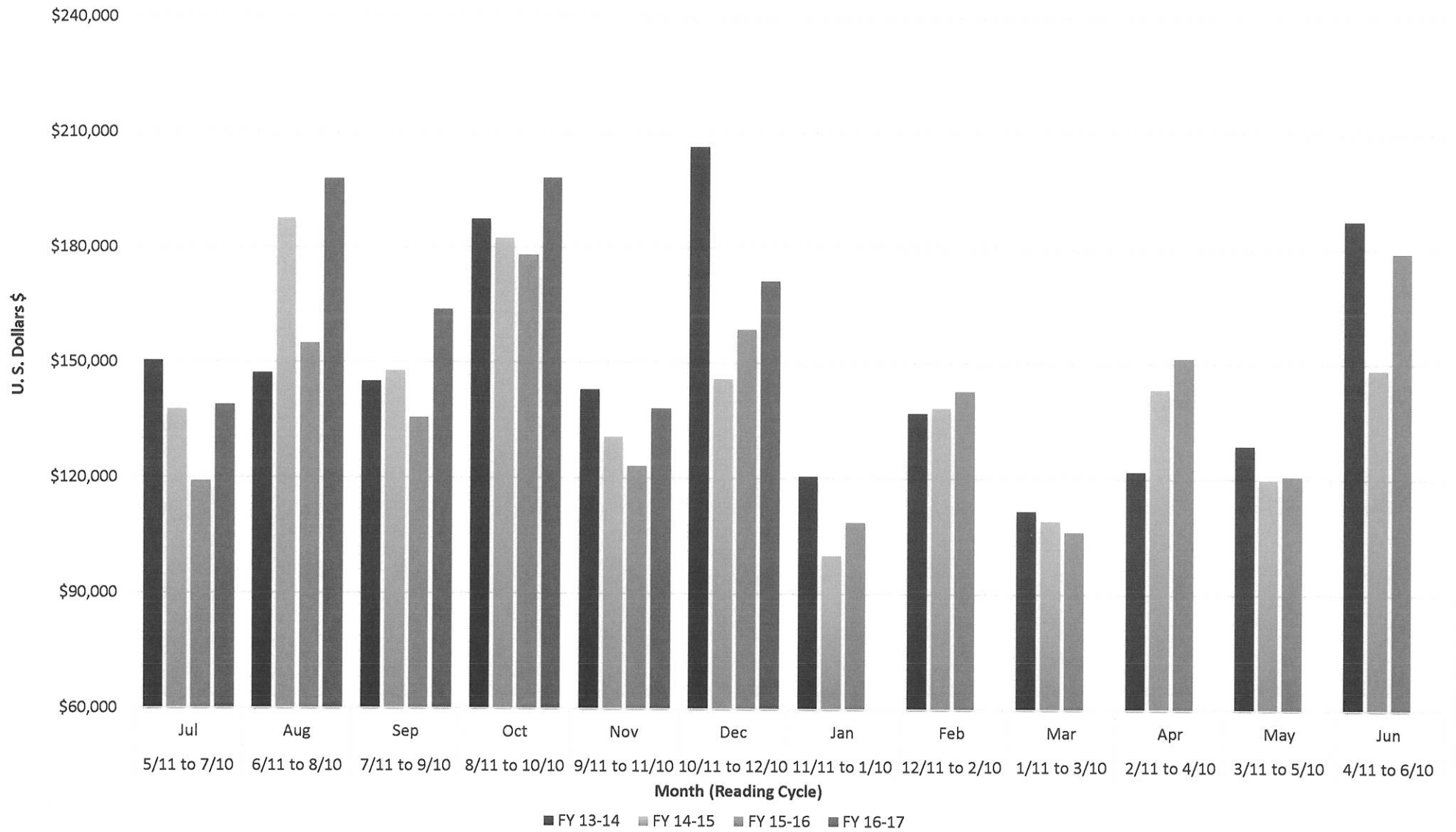


LOCSD Water Data

Water Consumption Data in Million Gallons							
% of Service Area	Billing Period		FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17
43	5/11 to 7/10	Jul	18.110	18.402	15.330	11.709	11.849
57	6/11 to 8/10	Aug	26.006	24.061	20.627	14.342	15.953
43	7/11 to 9/10	Sep	19.748	16.087	15.989	11.812	12.827
57	8/11 to 10/10	Oct	21.617	22.142	19.804	15.787	15.492
43	9/11 to 11/10	Nov	16.155	15.994	13.830	10.499	10.349
57	10/11 to 12/10	Dec	17.096	23.342	15.236	13.647	12.910
43	11/11 to 1/10	Jan	12.406	13.105	9.828	8.841	
57	12/11 to 2/10	Feb	16.223	15.969	14.276	11.770	
43	1/11 to 3/10	Mar	12.737	11.886	11.079	8.373	
57	2/11 to 4/10	Apr	16.756	15.559	14.829	12.762	
43	3/11 to 5/10	May	16.686	14.131	12.367	10.222	
57	4/11 to 6/10	Jun	22.709	20.852	15.111	15.624	
		TOTAL	216.249	211.530	178.306	145.388	79.380

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 Based on Billing



LOCSD Water Data

Water Revenue Data

% of Service Area	Billing Period		FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17
43	5/11 to 7/10	Jul	\$127,737.70	\$150,401.90	\$137,752.98	\$119,138.01	\$139,017.75
57	6/11 to 8/10	Aug	\$175,798.70	\$147,246.54	\$187,468.02	\$154,995.56	\$197,721.40
43	7/11 to 9/10	Sep	\$139,628.43	\$145,135.28	\$147,808.06	\$135,669.34	\$163,852.81
57	8/11 to 10/10	Oct	\$163,698.98	\$187,431.78	\$182,463.96	\$178,030.01	\$198,170.30
43	9/11 to 11/10	Nov	\$128,918.55	\$143,029.03	\$130,772.31	\$123,221.32	\$138,130.97
57	10/11 to 12/10	Dec	\$142,026.32	\$206,187.91	\$145,977.27	\$158,798.89	\$171,281.05
43	11/11 to 1/10	Jan	\$104,328.08	\$120,500.40	\$99,970.19	\$108,532.26	
57	12/11 to 2/10	Feb	\$132,433.64	\$137,045.65	\$138,344.52	\$142,733.88	
43	1/11 to 3/10	Mar	\$95,487.96	\$111,475.31	\$109,092.25	\$106,198.53	
57	2/11 to 4/10	Apr	\$135,947.81	\$121,943.68	\$143,355.32	\$151,554.05	
43	3/11 to 5/10	May	\$133,939.00	\$128,784.61	\$120,013.25	\$120,748.17	
57	4/11 to 6/10	Jun	\$172,139.37	\$187,230.13	\$148,384.13	\$178,943.85	
		TOTAL	\$1,652,084.54	\$1,786,412.22	\$1,691,402.26	\$1,678,563.87	\$1,008,174.28

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December 21, 2016

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Dear Neighbor

The Los Osos Community Services District (LOCSD) and Golden State Water Company (GSWC) have entered into an agreement for a waterline inter-tie replacement project at the corner of Los Olivos Avenue and 11th Street in Los Osos. This long awaited project is moving forward.

This notice is to inform you that construction is set to begin on January 3, 2017. The duration of the project is 120 days but will most likely be completed much sooner. The contract has been awarded to John Madonna Construction and they will begin mobilization on December 30, 2016 at 7:00 am. No parking signs will be placed around the intersection to comply with 72-hour notice of work commencement. Working hours will be between 7:00 am and 4:00 pm Monday through Friday. Please be aware that there will be minor traffic disturbances throughout the project. You will be notified of water service interruption as work progresses. Your cooperation is appreciated.

Construction Begin Date: Tuesday, January 3, 2017 at 7:00 am

Completion Date: May 3, 2017

Mobilization Date: Friday, December 30, 2016 at 7:00 am (72-hour notice)

Contact for Questions/Compliments: Tony Lindstrom, GSWC Los Osos Operations: (805) 528-2287

Thank you for your patience and understanding during construction.

Sincerely,

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.losososcscsd.org

Margaret Falkner
Utility Compliance Technician III
LOCSD Utilities Department