



September 1, 2016

**TO:** LOCSD Board of Directors  
**FROM:** Margaret Falkner, Utility Compliance Technician III  
**SUBJECT:** **Agenda Item 9B – 9/15/2016 Special Board Meeting**  
 Utilities Department Report for **July 2016**

*MZF*

- President**  
Marshall E. Ochylski
  
- Vice President**  
Jon-Erik G. Storm
  
- Directors**  
Charles L. Cesena  
Louis G. Tornatzky  
R. Michael Wright
  
- Interim General Manager**  
Peter J. Kampa
  
- District Accountant**  
Warmerdam CPA Group
  
- Unit Chief**  
Scott M. Jalbert
  
- Battalion Chief**  
Tom McEwen

**WATER PRODUCTION & BILLING INFORMATION**

The total production for the month of **July 2016** was approximately **16.6 million gallons (MG)** this equates to an average daily demand of 536,800 gallons. This represents an **increase** in production from last year by approximately **29%**.

Using the state's formula to calculate residential usage per capita per day, for the month of **July 2016** our residential customers used **72** gallons per person per day. A chart is attached providing data collected since the drought declaration. Staff thinks contributing factors to the increase in water consumption come from homes being hooked up to the Los Osos Waste Water system.

Fifty-seven percent of the service area received bills for approximately **15.9 MG** consumption for the period **June 8, 2016 through August 11, 2016**. This generated approximately **\$197,721** in revenue. This represents an **increase** in consumption by approximately **11%** and an **increase** in revenue by approximately **28%** in comparison to last year at this time.

**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 **July 2016**. Totals for last year are included for comparison:

<b>Production (MG) July</b>	<b>2016</b>	<b>2015</b>
Palisades	4.1661	0.3051
3 <sup>rd</sup> Street/Bayside	0.0000	2.8055
8 <sup>th</sup> Street/El Moro	4.0619	3.8304
10 <sup>th</sup> Street	5.4433	3.2806
South Bay (lower)	2.0751	1.7259
South Bay (upper)	0.8940	0.9760
<b>TOTAL:</b>	<b>16.6404</b>	<b>12.9235</b>

<b>Runtime (Hours) July</b>	<b>2016</b>	<b>2015</b>
Palisades	200.3	111.9
3 <sup>rd</sup> Street/Bayside	0.0	667.7
8 <sup>th</sup> Street/El Moro	254.4	187.0
10 <sup>th</sup> St	302.1	177.3
South Bay (lower)	726.3	604.2
South Bay (upper)	397.1	440.0
<b>TOTAL:</b>	<b>1880.2</b>	<b>2188.1</b>

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

**Offices:**  
 2122 9<sup>th</sup> Street, Suite 102  
 Los Osos, CA 93402

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

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For more information the July 2016 Well Log Summary page is attached.

### BIDS FOR 8<sup>TH</sup> STREET UPPER AQUIFER WELL

On August 4, 2016, our District Engineer opened sealed bids for the 8<sup>th</sup> Street upper aquifer well drilling. We had three responsive bids. The District Engineer was satisfied with the bids received and is ready to move forward. There is another item on this agenda to recommend the Board award bids to the lowest responsive responsible bidder.

### 32<sup>ND</sup> ANNUAL CALIFORNIA COASTAL CLEANUP DAY SEPTEMBER 17, 2016

Join the Environmental Center of San Luis Obispo (ECO SLO) and the California Coastal Commission by volunteering three hours of your time cleaning up the coastline. The LOCSD provides a \$250 Sea Star Sponsorship each year. This year's event will be held on **Saturday, September 17, 2016 from 9:00am until noon** at various locations between San Simeon and Nipomo. Past support helped ECO SLO engage nearly 1,000 community volunteers who removed 5,400 pounds of trash and recyclables from 30 locations throughout San Luis Obispo County. It isn't too late to volunteer for a spot in Los Osos at Baywood Pier and Montana de Oro State Park Sandspit. More details are provided on their web site: <http://ecoslo.org/coastal-cleanup-day/>

Attached is a thank you letter from the Executive Director of ECO SLO for the District's participation in providing an annual sponsorship.

### 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). The annual report will be submitted electronically in October 2016 for the third year of this permit.

Even when it isn't raining, trash, pesticides, 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/drainage-e293b4b>

### BAYRIDGE ESTATES WDID# 3 401027001

On August 15, 2016 a letter prepared jointly by the LOCSD and San Luis Obispo County Public Works staff addressing the continuing assessments. Staff has been able to address and return calls to inquiries made in reference to these letters. The message here is the amount of the annual assessments **will not increase** from the current \$373.00 per parcel. A portion of this assessment is used to pay for street lighting which will continue as a service of the LOCSD. A copy of the letter is attached to this staff note. Crews continued monitoring and grounds keeping at this facility. This subdivision was hooked up to the LOWWP collection system in early May 2016. There are 12 septic tanks to be decommissioned. A semi-annual report was provided to the Regional Water Quality Control Board in May 2016.

### VISTA DE ORO WDID# 3 401024001

On August 15, 2016 a letter prepared jointly by the LOCSD and San Luis Obispo County Public Works staff addressing the continuing assessments. The message here is the amount of the annual assessments **will not increase** from the current \$216.00 per parcel. A portion of this assessment is used to pay for street lighting which will continue as a service of the LOCSD. A copy of the letter is attached to this staff note.

This subdivision was hooked up to the LOWWP collection system in April 2016. A semi-annual report was provided to the Regional Water Quality Control Board in May 2016.

### 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

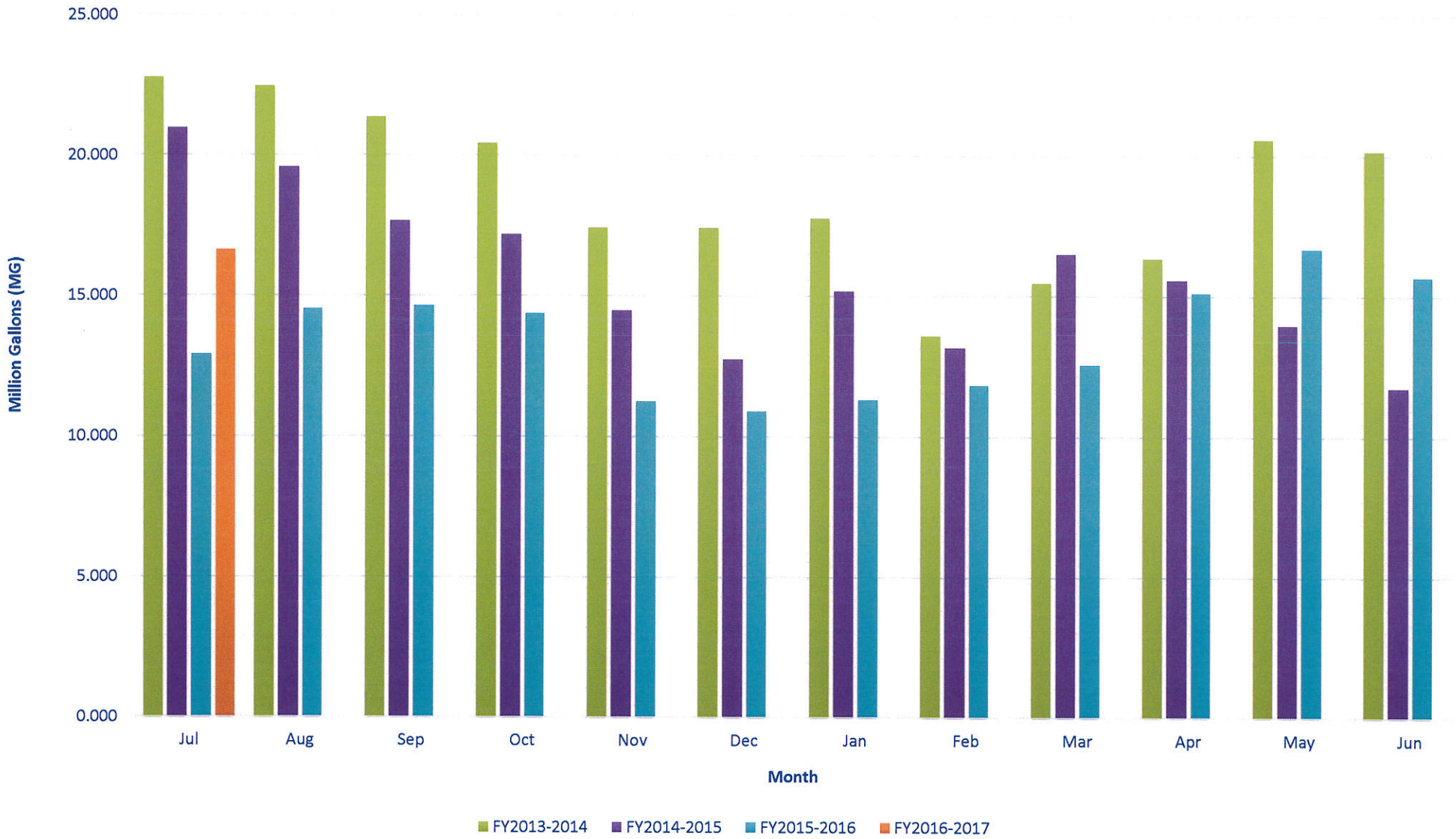
<b>JULY 2016</b>	<b>8th St./ El Moro Well</b>	<b>3rd St./ Bayside Well</b>	<b>10th St. Well</b>	<b>South Bay Well</b>	<b>South Bay Upper Well</b>	<b>Palisades Well</b>	<b>All Wells TOTAL</b>	<b>Last Years TOTAL</b>	<b>Percent% Differential</b>
Total Gallons Produced, Mgal	4.0619	0.0000	5.4433	2.0751	0.8940	4.1661	<b>16.6404</b>	12.9235	28.76%
Average Daily Flow, Mgal							0.5368		
Total Gallons to Waste ( <i>Filter Backwash</i> ), Mgal	<b>0.0269</b>			<b>0.0000</b>	<b>0.0000</b>		<b>0.0269</b>	0.0349	
Total Gallons to Waste ( <i>System Flushing</i> ), Mgal							<b>0.0000</b>	0.0415	
Distribution System Losses ( <i>Water Line Breaks</i> ), Mgal							0.0000	0.0000	
Total Gallons Adjusted, Mgal	4.0350			2.0751			<b>16.6135</b>	12.8471	29.32%
Pump Runtime, total hours	254.4	0.0	302.1	726.3	397.1	200.3	1880.2	2188.1	<b>-16.38%</b>
Daily Avg. Runtime, hours/day	8.2	0.0	9.7	23.4	12.8	6.5			
Energy Used, kWatts	10327	33	11824	11292		6856	40332	36573	10.28%
Eff. Ratio, kWatts/hr	40.59	0.00	39.14	15.55		34.23			
Chlorine Used, total gallons	61.0	0.0	45.5	36.2		31.4	174.1	178	<b>-2.20%</b>
Aqua Mag, pounds	39.8		0.0	0.0		37.8	77.6	120.8	<b>-35.76%</b>
Static water level, ft.	47.60	0.00	159.60	125.50	95.40	103.40			
Pump water level, ft.	114.70	0.00	245.60	183.60	119.00	202.10	<b>3rd St. Well out of service</b>		
Draw-down level, ft.	67.10	0.00	86.00	58.10	23.60	98.70			
Gallons per minute	264	0	360	33	33	270			
Pressure, psi	86	0	34	62	58	56			

**LOCSD Water Data**

<b>Water Production Data in Million Gallons</b>					
	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>
Jul	25.600	22.779	20.979	12.924	16.640
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	14.357	
Nov	16.939	17.436	14.482	11.256	
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	
<b>TOTAL</b>	<b>236.767</b>	<b>225.890</b>	<b>188.790</b>	<b>161.807</b>	<b>16.640</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 LOCSD Well Production Data

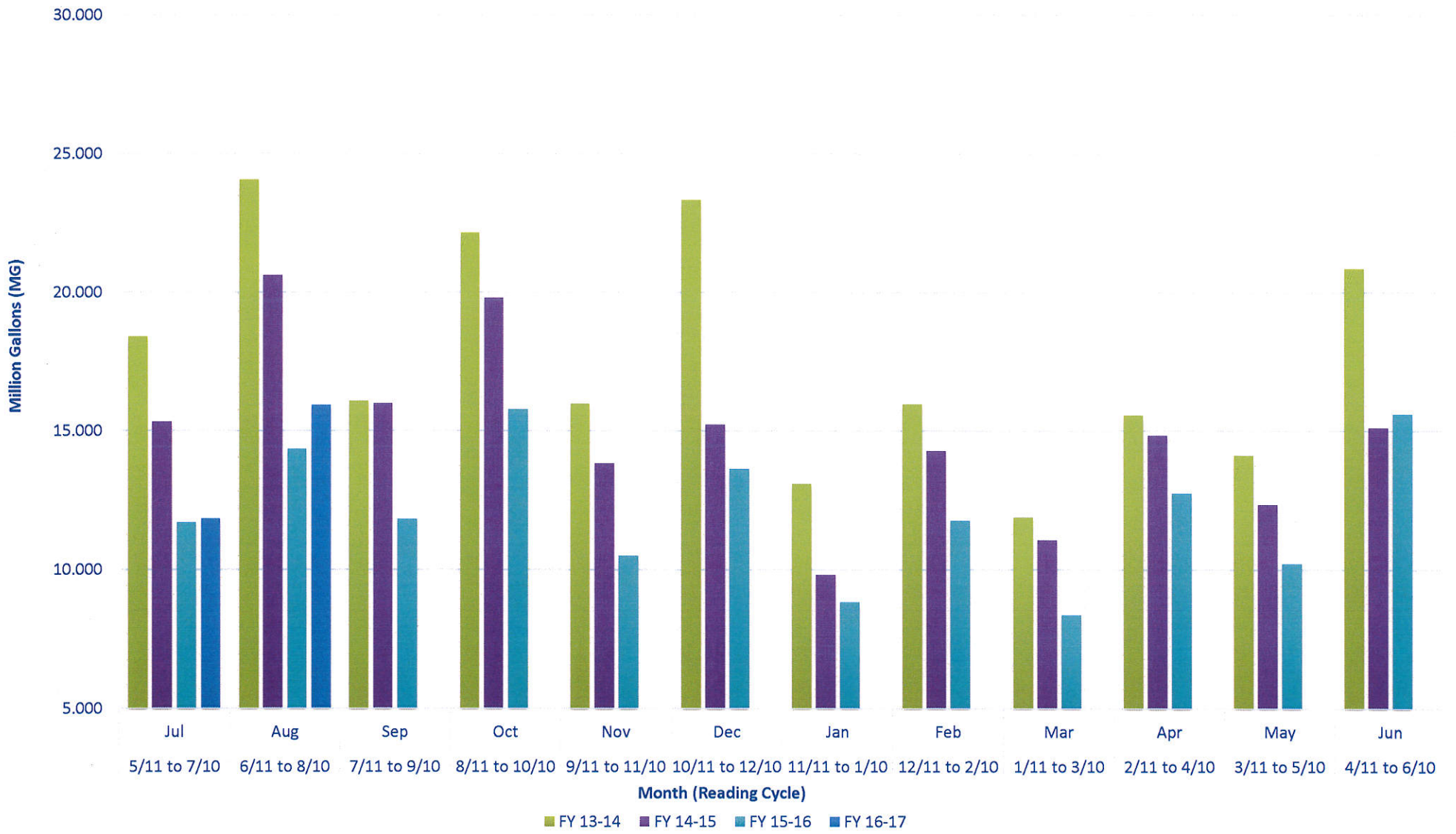


LOCSD Water Data

Water Consumption Data in Million Gallons							
% of Service Area	Billing Period		FY 12-13	FY 13-14	FY 14-15	FY 15-16	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	
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	10.499	
57	10/11 to 12/10	Dec	17.096	23.342	15.236	13.647	
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	
		<b>TOTAL</b>	<b>216.249</b>	<b>211.530</b>	<b>178.306</b>	<b>145.388</b>	<b>27.802</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 Based on Billing



## LOCSD Water Data

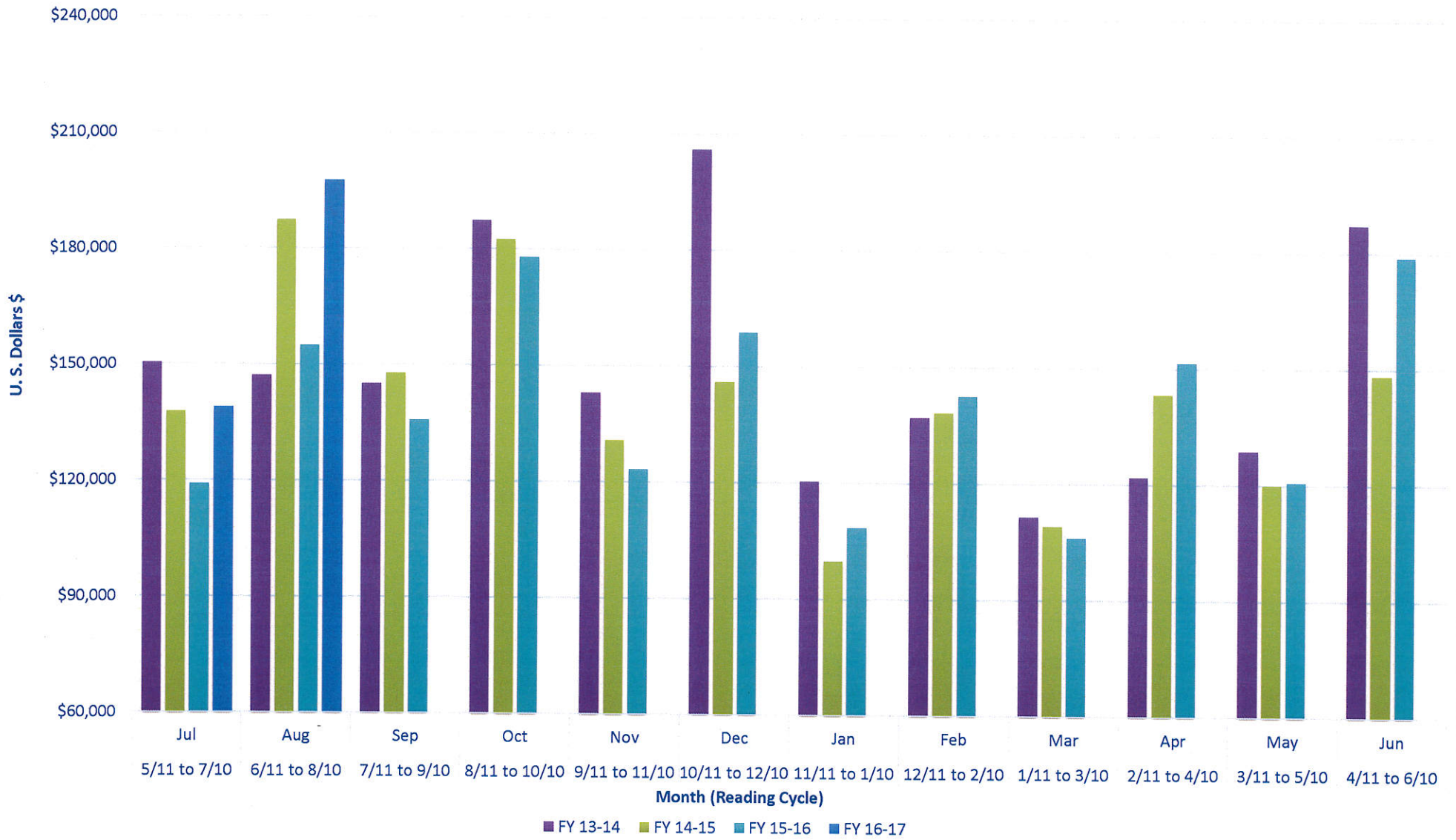
### Water Revenue Data

% 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		
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	\$123,221.32		
57	10/11 to 12/10	Dec	\$142,026.32	\$206,187.91	\$145,977.27	\$158,798.89		
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		
		<b>TOTAL</b>	<b>\$1,652,084.54</b>	<b>\$1,786,412.22</b>	<b>\$1,691,402.26</b>	<b>\$1,678,563.87</b>	<b>\$336,739.15</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 LOCSD Water Revenue Based on Billing



## LOS OSOS COMMUNITY SERVICES DISTRICT (LOCSO) RESIDENTIAL WATER USE PER CAPITA PER DAY TRACKING

Month	Year	R-GPCD Gallons/capita/day	Year	R-GPCD Gallons/capita/day	Year	R-GPCD Gallons/capita/day	Year	R-GPCD Gallons/capita/day
Jan	2016	48.891	2015	65.382	2014	76.611	2013	65.784
Feb	2016	54.616	2015	62.832	2014	64.799	2013	71.272
Mar	2016	54.213	2015	71.127	2014	66.684	2013	78.387
Apr	2016	67.412	2015	69.417	2014	72.815	2013	94.023
May	2016	72.047	2015	60.174	2014	88.719	2013	96.129
Jun	2016	69.897	2015	52.230	2014	89.844	2013	98.717
Jul	2016	71.814	2015	55.579	2014	90.395	2013	98.147
Aug	2016		2015	61.750	2014	84.422	2013	96.817
Sep	2016		2015	64.306	2014	78.664	2013	95.190
Oct	2016		2015	61.030	2014	73.977	2013	88.033
Nov	2016		2015	49.443	2014	64.478	2013	77.630
Dec	2016		2015	46.855	2014	54.976	2013	75.107
							Baseline	
	Average		Average	60.010	Average	75.532	Average	86.270
Jun thru Nov	2016		2015	57.390	2014	80.297	2013	92.422

The table above is based on gross production numbers for the LOCSO Water Service Area using the following formula provided by the state:

Acronym	Description	Formula	Value	Month/Year
R-GPCD	Residential Gallons Per Capita Per Day	$[(TMP*PRU)/TPS] / \text{number of days in the month}$	71.81402311	July-16
TMP	Total Monthly Potable Water Production	From Well Logs (in gallons)	16640400	
PRU	Percent Residential Use	$(SF + MF \text{ Residential}) / \text{Total Accounts}$	0.948	
TPS	Total Population Served	2010 Census Data by Tract	7086	
SF	Single-Family Residential		2455	Sum (SF+MF) 2607
MF	Multi-Family Residential		152	
Total Accounts			2750	
# days in month				31

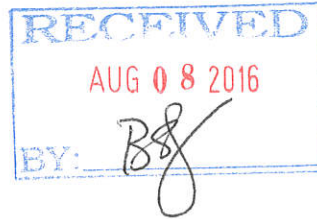
Office: 246 Higuera St.  
San Luis Obispo, CA 93401  
Mail: PO Box 1014  
San Luis Obispo, CA 93406



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

*Protecting and enhancing the Central Coast since 1971*

August 2, 2016



Ms. Margaret Falkner  
Los Osos Community Services District  
PO Box 6064  
Los Osos, CA 93412

Dear Margaret and the Los Osos Community Services District team:

Thank you for your continued support of the \$250.00 Sea Star Sponsorship for ECOSLO's effort to put on the best Coastal Cleanup Day yet here in San Luis Obispo County. Your dollars help us to engage the community successfully in this annual event, especially in gathering volunteers through media efforts of all kinds: radio spots and interviews, newspaper ads, outreach to local schools, and more.

This is the single largest volunteer event on the Central Coast and draws over 1,000 volunteers to the effort. Every volunteer is needed to cover all coastal areas in this County. This year's focus is to eradicate littered cigarette butts from ending up on our coast and waterways where they leach lead, arsenic and other harmful chemicals. Your sponsorship will help us get them off our beaches and your support has provided an important piece to this ongoing effort.

For anyone looking to volunteer, please direct them to our online volunteer signup page:  
<http://ecoslo.org/coastal-cleanup-day>.

If you have any questions or if there is more we can do to engage with the Los Osos Community Services District regarding Coastal Cleanup Day, please call me at 805-544-1777 or email me, [programs@ecoslo.org](mailto:programs@ecoslo.org).

Again, thank you for your continued financial support. It makes this countywide cleanup possible each and every year.

With gratitude,

Mary A. Ciesinski  
Executive Director

*Thank you Margaret,  
it is always a  
pleasure to work  
with you!*



August 15, 2016

«Assessed»  
 «Mailing\_Address»  
 «Mailing\_City», «F9» «F10»

**President**  
 Marshall E. Ochylski

RE: LOCSD Assessments on Your Property

**Vice President**  
 Jon-Erik G. Storm

Dear Homeowner:

**Directors**  
 Charles L. Cesena  
 Louis G. Tornatzky  
 R. Michael Wright

Your property is assessed annually for community septic maintenance and street lighting by the Los Osos Community Services District (LOCSD). In March 2015, the LOCSD Board of Directors authorized an interfund loan from the water fund to pay for a high priority maintenance project in the Bayridge Estates subdivision.

**Interim General Manager**  
 Peter J. Kampa

Additional water funds must be loaned to cover one-time expenses which will be incurred to pump out and decommission 12 septic tanks. This letter is to notify you that the LOCSD assessments for septic services will remain on your property until the water fund is repaid. At this time we are anticipating approximately three years to fully recover the loan amount. This includes deducting the expense to keep street lighting of 36 lamps in your neighborhood.

**District Accountant**  
 Warmerdam CPA Group

**Unit Chief**  
 Scott M. Jalbert

Year	LOCSD Assessment Per Parcel	# of Parcels	Total Revenue	Street Lighting Expense	Amount of Interfund Loan	Estimate for Septic Pumping	Amount to Repay	Subtotal
2016	\$373.00	147	\$54,831	\$6,000	\$125,000	\$60,000	\$185,000	\$136,169
2017	\$373.00	147	\$54,831	\$6,000				\$87,338
2018	\$373.00	147	\$54,831	\$6,000				\$38,507
2019	\$373.00	147	\$54,831	\$6,000				-\$10,324

**Battalion Chief**  
 Tom McEwen

Earlier this year the Bayridge Estates Subdivision was connected to the County collection system for the Los Osos Water Recycling Facility. The County has provided a break in assessment costs to the homeowners in Bayridge Estates due to the fact the collection system for each home is already in place. However, the County is expecting to collect higher service charges to pay for some necessary repairs to the 40 year old collection system.

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

On the back of this page is a break-down of the expected costs for the County wastewater project:

**Offices:**  
 2122 9<sup>th</sup> Street, Suite 102  
 Los Osos, CA 93402

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

www.losososcscsd.org

Estimated Annual Costs	Typical Single Family Home	Bayridge Estates Home
Assessment Cost if Financed on Property Taxes	\$1,083	\$590
Service Charges Minimum Flat Rate	\$450	\$586
Service Charges Volume Usage Fee (approximate)	\$450	\$450
Total Estimated Annual Costs	\$1,983	\$1,626

If you have any questions feel free to contact the District at 805-528-9376 or the County Public Works at 805-788-2713.

Sincerely,

Peter J. Kampa  
Interim General Manager

Cc: John Waddell, San Luis Obispo County Public Works  
FILE



August 15, 2016

«Assessed»  
«Mailing\_Address»  
«City\_», «State» «Zip»

**President**  
Marshall E. Ochylski

**Vice President**  
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**Unit Chief**  
Scott M. Jalbert

**Battalion Chief**  
Tom McEwen

RE: LOCSD Assessments on Your Property

Dear Homeowner:

Your property is assessed annually for community septic maintenance and street lighting by the Los Osos Community Services District (LOCSD). Due to a successful protest of a Proposition 218 increase request in assessment in 2013, the maintenance costs of the collection system and septic tanks exceeded the revenues generated from the assessments. At that time language was included in the Proposition 218 notice that the assessments would remain on the properties until the fund is balanced and the water fund is repaid. On August 7, 2014, the LOCSD Board of Directors authorized an interfund loan from the water fund to fill the deficit for operational costs in the Vista de Oro fund.

At this time we are anticipating a little more than two years to fully recover the loan amount. This includes deducting the expense to keep street lighting of 14 lamps in your neighborhood.

Year	LOCSD Assessment Per Parcel	Number of Parcels	Total Revenue	Street Lighting Expense	Difference (Assessment - Street Lighting)	Amount of Interfund Loan	Assessment Applied Subtotal
2016	\$216.00	73	\$15,768	\$2,500	\$13,268	\$30,000	\$16,732.00
2017	\$216.00	73	\$15,768	\$2,500	\$13,268		\$3,464.00
2018	\$216.00	73	\$15,768	\$2,500	\$13,268		-\$9,804.00

Earlier this year the Vista de Oro collection system was connected to the County collection system for the Los Osos Water Recycling Facility. The County has provided a break in assessment costs to the homeowners in Vista de Oro due to the fact the collection system for each home is already in place.

On the other side of this page is a break-down of the expected costs for the County wastewater project:

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

**Offices:**  
2122 9<sup>th</sup> Street, Suite 102  
Los Osos, CA 93402

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

[www.lososocsd.org](http://www.lososocsd.org)

Estimated Annual Costs	Typical Single Family Home	Vista de Oro Home
Assessment Cost if Financed on Property Taxes	\$1,083	\$590
Service Charges Minimum Flat Rate	\$450	\$450
Service Charges Volume Usage Fee (approximate)	\$450	\$450
Total Estimated Annual Costs	\$1,983	\$1,490

If you have any questions feel free to contact the District at 805-528-9376 or the County Public Works at 805-788-2713.

Sincerely,

Peter J. Kampa  
Interim General Manager

Cc: John Waddell, San Luis Obispo County Public Works  
FILE