



August 21, 2017

**TO:** LOCSD Board of Directors

**FROM:** Jose Acosta, Utilities Manager  
 Frank Asuncion, Utilities Crew Leader  
 Liz Radvansky, Administrative/Accounting Assistant III

**SUBJECT:** **Agenda Item 9C – 9/7/2017 Board Meeting**  
 Utilities Department Report for **July 2017**

**President**  
 Jon-Erik G. Storm

**Vice President**  
 Vicki L. Milledge

**Directors**  
 Charles L. Cesena  
 Marshall E. Ochylski  
 Louis G. Tornatzky

**General Manager**  
 Renee Osborne

**District Accountant**  
 Robert Stilts, CPA

**Unit Chief**  
 Scott M. Jalbert

**Battalion Chief**  
 Greg Alex

**Mailing Address:**  
 P.O. Box 6064  
 Los Osos, CA 93402

**Offices:**  
 2122 9<sup>th</sup> 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 **July 2017** was approximately **17.9201 million gallons (MG)** this equates to an average daily demand of 578,100 gallons. This represents an **increase** in production from last year by approximately **7.69%**.

Using the state's formula to calculate residential usage per capita per day, for the month of **July 2017** our residential customers used **77.3** 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 **June 2017**. Totals for last year are included for comparison:

<b>Production (MG) July</b>	<b>2017</b>	<b>2016</b>
Palisades	3.3151	4.1661
3 <sup>rd</sup> Street/Bayside	0	0
8 <sup>th</sup> Street/EI Moro	5.8787	4.0619
10 <sup>th</sup> Street	5.9864	5.4433
South Bay (lower)	2.0839	2.0751
South Bay (upper)	0.6560	0.8940
<b>TOTAL:</b>	<b>17.9201</b>	<b>16.6404</b>

<b>Runtime (Hours) July</b>	<b>2017</b>	<b>2016</b>
Palisades	139.9	200.3
3 <sup>rd</sup> Street/Bayside	0.2	0
8 <sup>th</sup> Street/EI Moro	269.9	254.4
10 <sup>th</sup> Street	337.7	302.1
South Bay (lower)	730.0	726.3
South Bay (upper)	296.1	397.1
<b>TOTAL:</b>	<b>1773.8</b>	<b>1880.2</b>

**WATER BILLING INFORMATION**

Forty-three percent of the service area received bills for approximately **12.57 MG** consumption for the period May 10, 2017, through July 13, 2017. This generated approximately **\$168,526.79** in revenue.

**UTILITIES DEPARTMENT OPERATIONS AND MAINTENANCE**

During the month of July 2017, the crew provided weekly water sampling, well site rounds, meter reads, marked underground utilities, performed equipment maintenance and submitted the monthly report to the state. In addition to these duties, the crew completed the valve exercise program for the entire water system, repaired a service line leak at 729 Santa Maria Ave. and 1610 10<sup>th</sup> St. They performed maintenance at the 8<sup>th</sup> and El Moro, 16<sup>th</sup> and Paso Robles Ave., and Don and Mitchell drainage stations. This maintenance includes pressure washing debris off the inside walls of the vault and the pumps. All the debris is then vacuumed out of the vaults to prepare for the upcoming rainy season. Additional drainage maintenance was performed at the Bayridge Drainage Basin. This maintenance included repairing the chain link fence on the north side of the basin where a tree had fallen onto the fence. Equipment maintenance was performed on the 16<sup>th</sup> Street emergency generator. New batteries were installed because the cold cranking amps of the battery had diminished.

**RAINFALL TOTALS**

The County has a link to rain and reservoir information: <http://wr.slocountywater.org/home.php>  
 Below is a table of historical rainfall totals from the Los Osos Landfill rain monitor. This has been arranged to coincide with our Water Shortage Contingency Plan Climate Trigger which is based on rainfall measured from April 1<sup>st</sup> through March 31<sup>st</sup>.

<b>Station Name and Number</b>				<b>Los Osos Landfill # 727</b>											
*** All units are in inches ***															
<b>Water Year</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>Total</b>		
2017 - 2018	0.55	0.27	0.00										<b>0.82</b>		
2016 - 2017	0.20	0.00	0.00	0.00	0.00	0.00	1.65	2.76	3.39	9.02	7.65	1.34	<b>26.01</b>		
2015 - 2016	0.67	0.12	0.00	1.93	0.00	0.08	0.08	1.26	1.85	5.04	0.86	4.85	<b>16.74</b>		
2014 - 2015	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.28	5.20	0.08	0.91	0.43	<b>7.61</b>		
2013 - 2014	0.31	0.12	0.04	0.00	0.00	0.00	0.24	0.28	0.12	0.00	4.06	1.42	<b>6.59</b>		
2012 - 2013	2.24	0.00	0.00	0.00	0.00	0.00	1.18	1.69	2.64	1.02	0.67	0.43	<b>9.87</b>		

**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). 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 9 remaining septic tanks to be decommissioned. A notice of termination will be filed with the state on the referenced waste discharge order once the County of San Luis Obispo accepts the transfer documents. **Until these documents are finalized our crew continues to monitor and respond to collection systems issues and emergencies.**

**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 the referenced waste discharge order once the County of San Luis Obispo accepts the transfer documents. **Until these documents are finalized our crew continues to monitor and respond to collection systems issues and emergencies.**

**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.

Attachment

<b>July 2017</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	5.8787	0.0000	5.9864	2.0839	0.6560	3.3151	<b>17.9201</b>	16.6404	7.69%
Average Daily Flow, Mgal							0.5781		
Total Gallons to Waste (Filter Backwash), Mgal	0.0756			0.0000	0.0000		0.0756	0.0269	
Total Gallons to Waste (System Flushing), Mgal							0.0000	0	
Distribution System Losses (Water Line Breaks), Mgal							0.0000	0	
Total Gallons Adjusted, Mgal	5.8031			2.0839			<b>17.8445</b>	16.6135	7.41%
Pump Runtime, total hours	269.9	0.2	337.7	730.0	296.1	139.9	1773.8	1880.2	-5.66%
Daily Avg. Runtime, hours/day	8.7	0.0	10.9	23.5	9.6	4.5			
Energy Used, kWatts	10797	35	10848	10928		5819	38427	40332	-4.72%
Eff. Ratio, kWatts/hr	40.00	175.00	32.12	14.97		41.59			
Chlorine Used, total gallons	74.0	0.0	39.9	26.2		20.3	160.4	174.1	-7.85%
Aqua Mag, pounds	86.2		1.4	0.0		0.6	88.2	77.6	13.66%
Static water level, ft.	29.10	3.70	146.40	114.20	92.20	101.20			
Pump water level, ft.	150.70	OUT OF SERV	283.50	141.40	117.00	202.80			
Draw-down level, ft.	121.60	OUT OF SERV	137.10	27.20	24.80	101.60			
Gallons per minute	385	0	310	32	32	300			
Pressure, psi	95	0	38	62	64	56			