



December 3, 2020

TO: LOCSD Board of Directors

FROM: Margaret Falkner, Utility Systems Manager
Alicia Zuniga, Utility Billing Specialist

SUBJECT: **Agenda Item 4C- 12/3/2020 Board Meeting**
Utilities Department Report for October 2020

President
Charles L. Cesena

Vice President
Christine M. Womack

Directors
Matthew D. Fourcroy
Vicki L. Milledge
Marshall E. Ochylski

General Manager
Ron Munds

District Accountant
Robert Stilts, CPA

Unit Chief
Scott M. Jalbert

Battalion Chief
Paul Provence

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

Offices:
2122 9th Street, Suite 110
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 **October 2020** was approximately **14.83 million gallons (MG)** this equates to an average daily demand of **494,300 gallons**. This represents approximately a **1.70% increase** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **October 2020** our residential customers used **63.9** gallons per person per day, an increase from 62.9 gallons per person per day in October 2019.

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 **October 2020**. Totals for last year are included for comparison:

Production (MG) October	2020	2019
Palisades	4.6841	2.8074
3rd St	0.0178	0.0000
8th Street/El Moro	7.4822	4.6634
10th St	0.0057	4.4058
South Bay (lower)	2.1378	2.1578
South Bay (upper)	0.5019	0.5468
Total:	14.8295	14.5812

Runtime (Hours) October	2020	2019
Palisades	229.6	135.7
3rd St	5.4	0.3
8th Street/El Moro	420.0	262.9
10th St	44.0	282.7
South Bay (lower)	718.1	721.6
South Bay (upper)	297.7	325.8
Total:	1714.8	1729.0

WATER BILLING INFORMATION

FY '19-'20			FY '20-'21		
Month	Gallons	Revenue	Month	Gallons	Revenue
Jul	11,953,040	\$216,577.84	Jul	12,119,096	\$217,906.44
Aug	14,980,944	\$272,102.61	Aug	18,097,860	\$313,290.49
Sep	12,585,100	\$224,312.76	Sep	13,407,900	\$235,232.34
Oct	16,165,028	\$286,960.25	Oct	15,497,064	\$277,149.49
Nov	12,121,340	\$217,727.51			
Dec	14,617,416	\$265,928.52			
Jan	8,617,708	\$172,429.51			
Feb	12,669,624	\$241,461.74			
Mar	9,780,848	\$187,483.31			
Apr	12,867,844	\$244,449.45			
May	10,992,608	\$202,963.74			
Jun	16,105,188	\$286,586.98			

UTILITIES DEPARTMENT OPERATIONS AND MAINTENANCE

During the month of October 2020, the Utilities crew performed all required operations and maintenance tasks. The various tasks and facilities maintained are:

WATER DISTRIBUTION AND TREATMENT

- Daily, weekly, and monthly water quality sampling, analysis and reporting, for all well sites and throughout the distribution system.
- Monthly meter reading.
- Grounds keeping at well and drainage sites.
- CIP project tracking
- 10th Street Well rehabilitation coordination and support

DRAINAGE WDID # 3 40M2000133

The District continues to operate and comply 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 to the state was submitted before the October 15, 2020 deadline.

Storm water pollution prevention measures are available on the District's Drainage web page:

<http://www.losososcsd.org/drainage>

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 1st through March 31st.

Station Name and Number	Los Osos Landfill # 727												
	*** All units are in inches ***												
Water Year	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Total
2020-2021	1.89	0.12	0.04	0.00	0.04	0.00	0.00						2.09
2019-2020	0.08	1.53	0.00	0.00	0.08	0.00	0.00	2.13	4.37	0.20	0.04	4.80	13.23
2018-2019	0.79	0.00	0.00	0.00	0.00	0.00	0.43	3.75	1.14	6.14	6.90	3.94	23.09
2017 - 2018	0.55	0.27	0.00	0.00	0.00	0.16	0.16	0.47	0.12	3.78	0.16	7.95	13.62
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	26.01

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.

UTILITY DEPARTMENT UPDATES

1. 8th Street Water Yard Building

Construction of the building is completed. The Final inspection by the County is scheduled for December 3rd.

2. South Bay Well Transmission Main Project

This project is nearing completion. The pipeline has been laid and paving has been completed. The transmission main was placed into service on November 4, 2020. Finalization of the project was November 6, 2020. Water is being pumped into the transmission main. This will decrease the pumping at Palisades and 8th Street wells.

3. SCADA Project Update

The Phase I Radio Survey has been completed. The report was received on October 12, 2020 and reviewed by staff and District Engineer. Comments were submitted to the consultant. Next steps would be to begin the design, develop the scope of work and finalize the bid documents.

4. 10th Street Well Issues

The 10th Street well has been out of service since June 15th. Spencer Harris recommended we keep the well out of service until the lining project is completed. The lining project will begin in late November. The cost for materials is \$20,353.00 and labor to install the liner is \$4,000.00.

5. 3rd Street Well

The 3rd street well has been out of service since 2015. Staff conferred with staff from the State Drinking Water Division on the process required to get this well back into service. Labs have come back within in the required parameters. Crews worked with PG&E to investigate an unbalanced current alarm. The electrical connections were cleaned up on November 4, 2020 and the well is now running. After an evaluation of the motor, it has been recommended that the District replace the existing motor sometime in the near future to ensure the reliability of the well. With this well in service the demand on Palisades and 8th Street wells will be reduced.

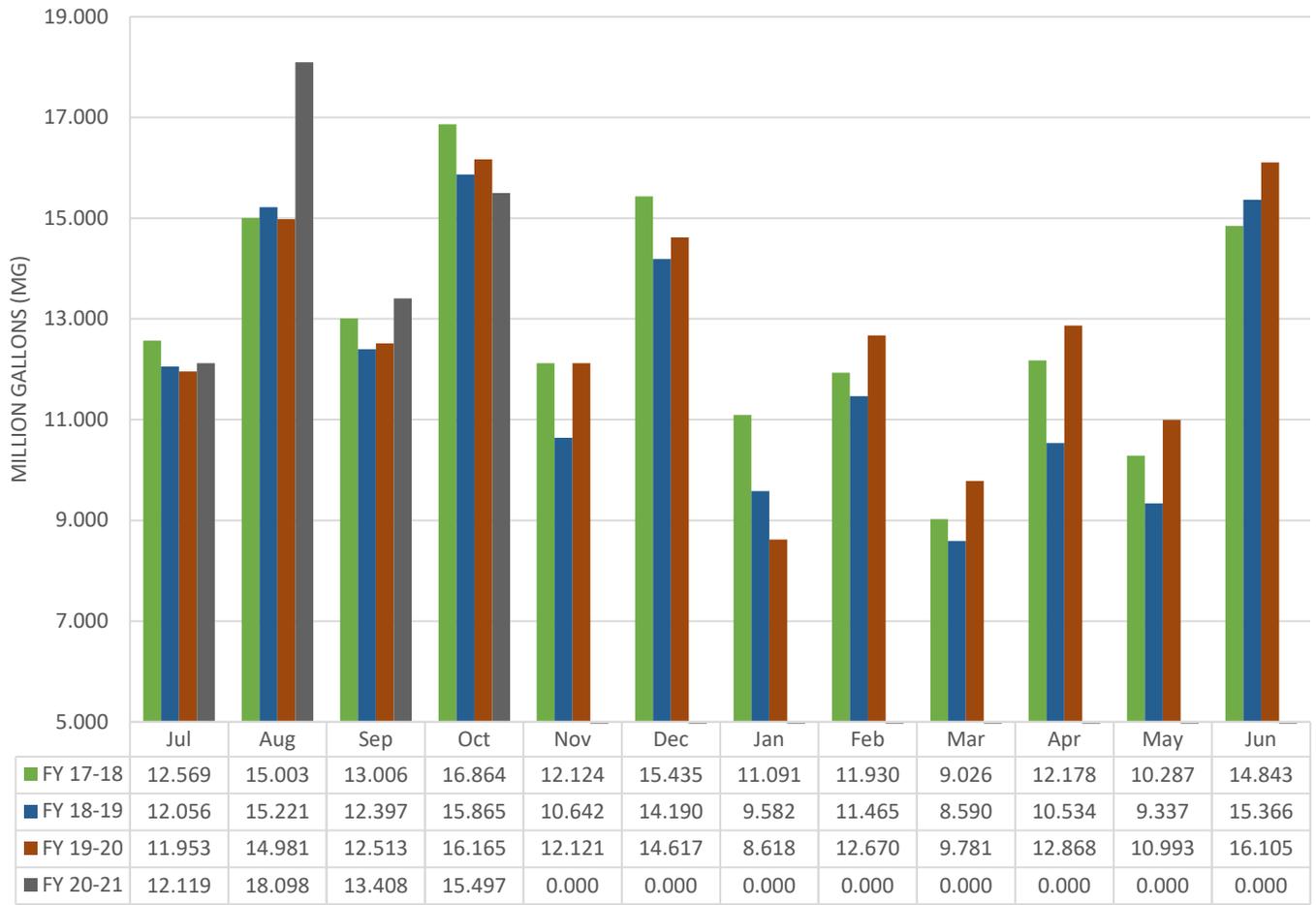
6. 16th Street Tanks Inspection

It is recommended to have water storage tanks inspected every 5 years. After receiving quotes for inspection services the District awarded the inspection to Advantage Technical Services of San Luis Obispo. The inspection is performed while the tanks are full and reports with recommendations written for each tank. They will begin on December 1, 2020.

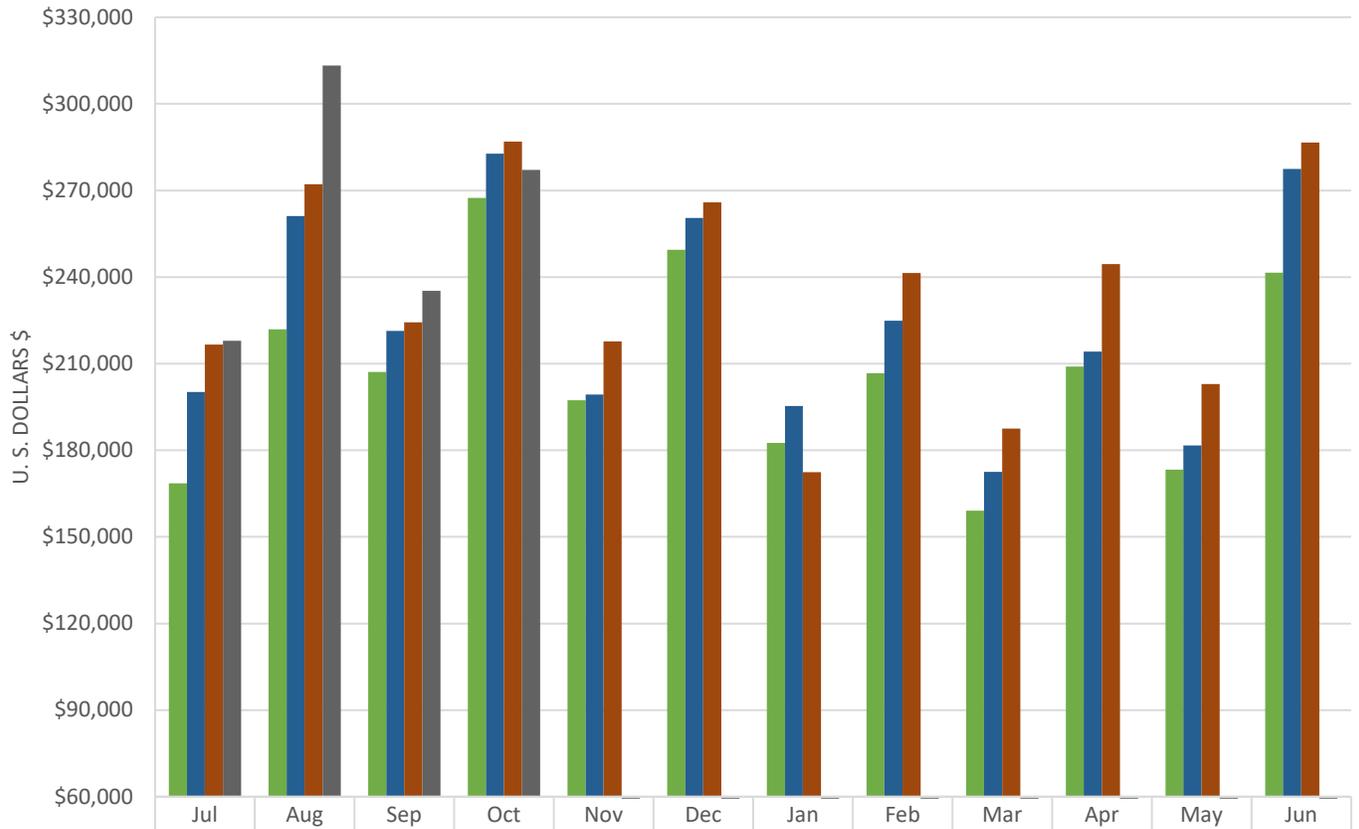
7. Program C Site Selection

At the November 5, 2020 Board of Directors meeting the Board unanimously approved Site E which is the Bayridge site for a new well. Next steps are to continue environmental work with SWCA, begin the bid documents, permitting, and communications with Golden State Water Company.

HISTORICAL TO PRESENT LOCS D WATER CONSUMPTION BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WATER REVENUE BASED ON BILLING



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY 17-18	\$168,526	\$221,879	\$207,172	\$267,370	\$197,358	\$249,409	\$182,543	\$206,709	\$159,040	\$208,966	\$173,254	\$241,491
FY 18-19	\$200,234	\$261,142	\$221,325	\$282,789	\$199,290	\$260,495	\$195,335	\$224,826	\$172,472	\$214,147	\$181,625	\$277,435
FY 19-20	\$216,577	\$272,102	\$224,312	\$286,960	\$217,727	\$265,928	\$172,429	\$241,461	\$187,483	\$244,449	\$202,963	\$286,586
FY 20-21	\$217,926	\$313,290	\$235,232	\$277,149	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

HISTORICAL TO PRESENT LOCS D WELL PRODUCTION DATA

