



March 4, 2021

TO: LOCSD Board of Directors

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

SUBJECT: **Agenda Item 4C- 03/04/2021 Board Meeting**
Utilities Department Report for **January 2021**

President
Christine M. Womack

Vice President
Matthew D. Fourcroy

Directors
Charles L. Cesena
Troy C. Gatchell
Marshall E. Ochylski

General Manager
Ron Munds

District Accountant
Robert Stilts, CPA

Unit Chief
Eddy Moore

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.losososcsl.org

WATER PRODUCTION INFORMATION

The total production for the month of **January 2021** was approximately **11.9 million gallons (MG)** this equates to an average daily demand of **399,600 gallons**. This represents approximately a **4.3% increase** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **January 2021** our residential customers used **51.7** gallons per person per day, an increase from 49.5 gallons per person per day in January 2020.

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 **January 2021**. Totals for last year are included for comparison:

Production (MG) January	2021	2020
Palisades	1.8285	2.4916
3rd St	2.8199	0.0000
8th Street/El Moro	2.6219	3.9361
10th St	0.0792	3.0577
South Bay (lower)	4.2114	1.4910
South Bay (upper)	0.4270	0.5176
Total:	11.9879	11.4940

Runtime (Hours) January	2021	2020
Palisades	88.0	119.0
3rd St	675.8	0.1
8th Street/El Moro	172.1	206.8
10th St	35.4	193.2
South Bay (lower)	737.8	500.1
South Bay (upper)	192.0	306.4
Total:	1901.1	1325.6

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	Nov	12,240,272	\$219,526.66
Dec	14,617,416	\$265,928.52	Dec	15,013,108	\$270,072.58
Jan	8,617,708	\$172,429.51	Jan	10,555,776	\$196,582.18
Feb	12,669,624	\$241,461.74	Feb		
Mar	9,780,848	\$187,483.31	Mar		
Apr	12,867,844	\$244,449.45	Apr		
May	10,992,608	\$202,963.74	May		
Jun	16,105,188	\$286,586.98	Jun		

UTILITIES DEPARTMENT OPERATIONS AND MAINTENANCE

During the month of January 2021, 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).

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	0.00	0.04	9.93			12.06
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. SCADA Project Update

The Phase I Radio Survey has been completed with a follow up workshop on December 4, 2020 with the vendor, District engineer, and staff. The project includes the water system and drainage pumps. The consultant's estimated cost for the complete system was \$1 million. The UAC and staff will need to consider options for phasing in this project as it will benefit the District significantly. Next steps would be to begin the design, develop the scope of work and finalize the bid documents. Staff will update the UAC when more information is available.

2. 10th Street Well Issues

The 10th Street well has been out of service since June 15th. The rehabilitation of the well which included a liner, pump and motor have been completed. The final cost was approximately \$67,000. There continues to be an issue with the electrical controls which are being looked into. Once this well is up and running, demand on Palisades will be greatly reduced.

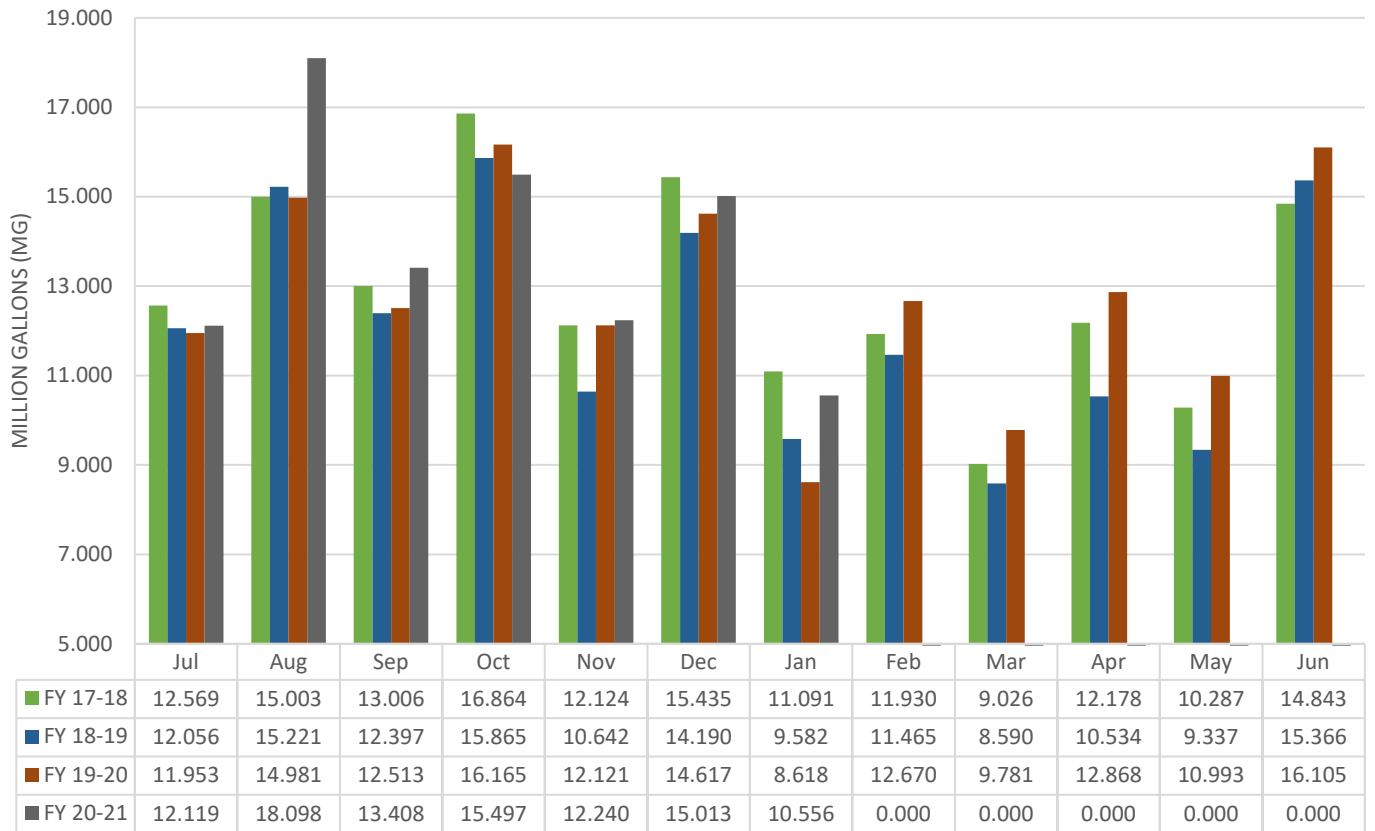
3. 16th Street Tanks Inspection

The inspection was performed on December 1, 2020. The reports were delivered on December 14, 2020. Staff has reviewed the reports and there is significant corrosion on both tanks. Staff has asked for a cost estimate for needed repairs. Staff received cost estimates for both tanks ranging from \$ \$511,650 to \$677,650. This will become a capital improvement project. Next steps are to develop the scope of work, and prepare bid documents.

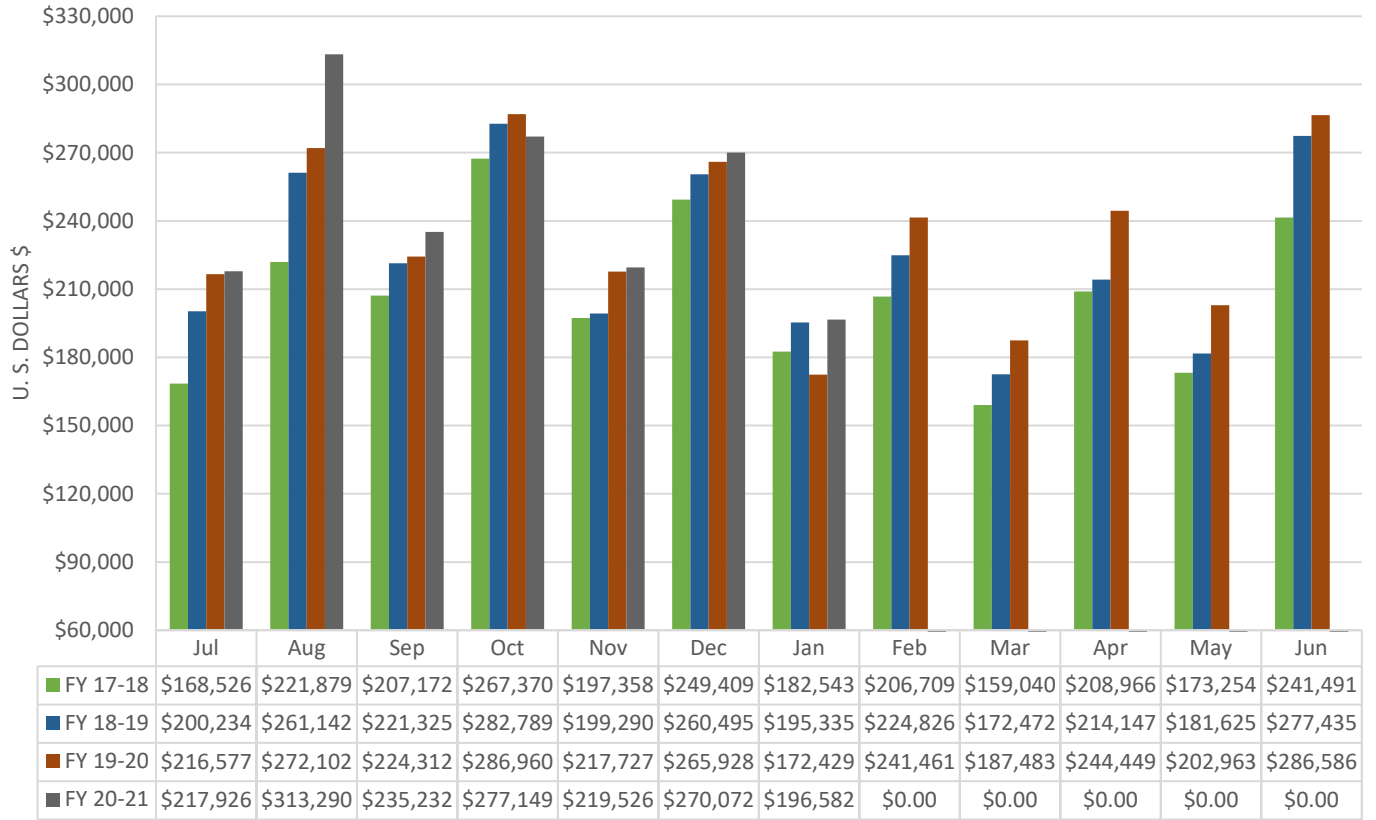
4. Program C Well

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 and permitting.

HISTORICAL TO PRESENT LOCS D WATER CONSUMPTION BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WATER REVENUE BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WELL PRODUCTION DATA

