



January 5, 2023

TO: LOCSD Board of Directors

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

SUBJECT: **Agenda Item 7D – 01/05/2023 Board of Directors Meeting**
Utilities Department Report for **November 2022**

WATER PRODUCTION INFORMATION

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Matthew D. Fourcroy

Vice President
Charles L. Cesena

Directors
Troy C. Gatchell
Marshall E. Ochylski
Christine M. Womack

General Manager
Ron Munds

District Accountant
Robert Stilts, CPA

Unit Chief
Eddy Moore

Battalion Chief
Paul Provence

The total production for the month of **November 2022** was approximately **11.9 million gallons (MG)** this equates to an average daily demand of **396,800 gallons**. This represents a **10.5% decrease** in production when compared to last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **November 2022** our residential customers used **56.5** gallons per person per day, a decrease from 59.3 gallons per person per day in November 2021.

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 2022**. Totals for last year are included for comparison:

Production (MG) November	2022	2021
Palisades	1.2172	0.8413
3rd St	2.7107	2.6937
8th Street/El Moro	2.8926	2.7559
10th St	2.9778	3.1967
South Bay (lower)	2.0679	3.8122
South Bay (upper)	0.0390	0.0000
Total:	11.9052	13.2998

Runtime (Hours) November	2022	2021
Palisades	58.8	41.0
3rd St	705.9	690.0
8th Street/El Moro	154.4	147.2
10th St	228.6	263.1
South Bay (lower)	415.7	631.1
South Bay (upper)	17.0	0.0
Total:	1580.4	1772.4

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WATER BILLING INFORMATION

Billing Period	FY '21-'22			FY '22-'23		
	Month	Gallons	Revenue	Month	Gallons	Revenue
5/11 to 7/10	Jul	11,795,212	\$213,418.01	Jul	12,046,540	\$221,290.12
6/11 to 8/10	Aug	17,035,700	\$298,796.24	Aug	17,274,312	\$315,919.84
7/11 to 9/10	Sep	12,846,152	\$227,634.65	Sep	11,935,088	\$226,879.22
8/11 to 10/10	Oct	15,479,112	\$277,602.84	Oct	16,551,744	\$309,727.62
9/11 to 11/10	Nov	10,715,100	\$199,353.50	Nov	10,730,060	\$208,838.41
10/11 to 12/10	Dec	15,013,108	\$270,072.58	Dec		
11/11 to 1/10	Jan	9,541,488	\$183,009.48	Jan		
12/11 to 2/10	Feb	11,932,096	\$230,156.34	Feb		
1/11 to 3/10	Mar	9,532,512	\$184,810.59	Mar		
2/11 to 4/10	Apr	14,610,684	\$269,072.92	Apr		
3/11 to 5/10	May	10,286,496	\$193,369.27	May		
4/11 to 6/10	Jun	16,743,980	\$298,058.64	Jun		

Consumption and revenue data is based on billing for a 60-day period and final bills. Production data is based on a monthly period.

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.lososocsd.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.

Los Osos Landfill # 727 *** All units are in inches ***													
Water Year	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Total
2022-2023	0.35	0.00	0.00	0.12	0.00	0.44	0.03	1.31	0.00	0.00	0.00	0.00	2.25
2021-2022	0.00	0.04	0.00	0.00	0.00	0.00	2.64	0.27	8.40	0.04	0.00	1.81	13.20
2020-2021	1.89	0.12	0.04	0.00	0.04	0.00	0.00	0.00	0.04	9.93	0.20	1.26	13.52
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

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

2022-23 CIP

Bay Oaks Well (formerly Program C Well)

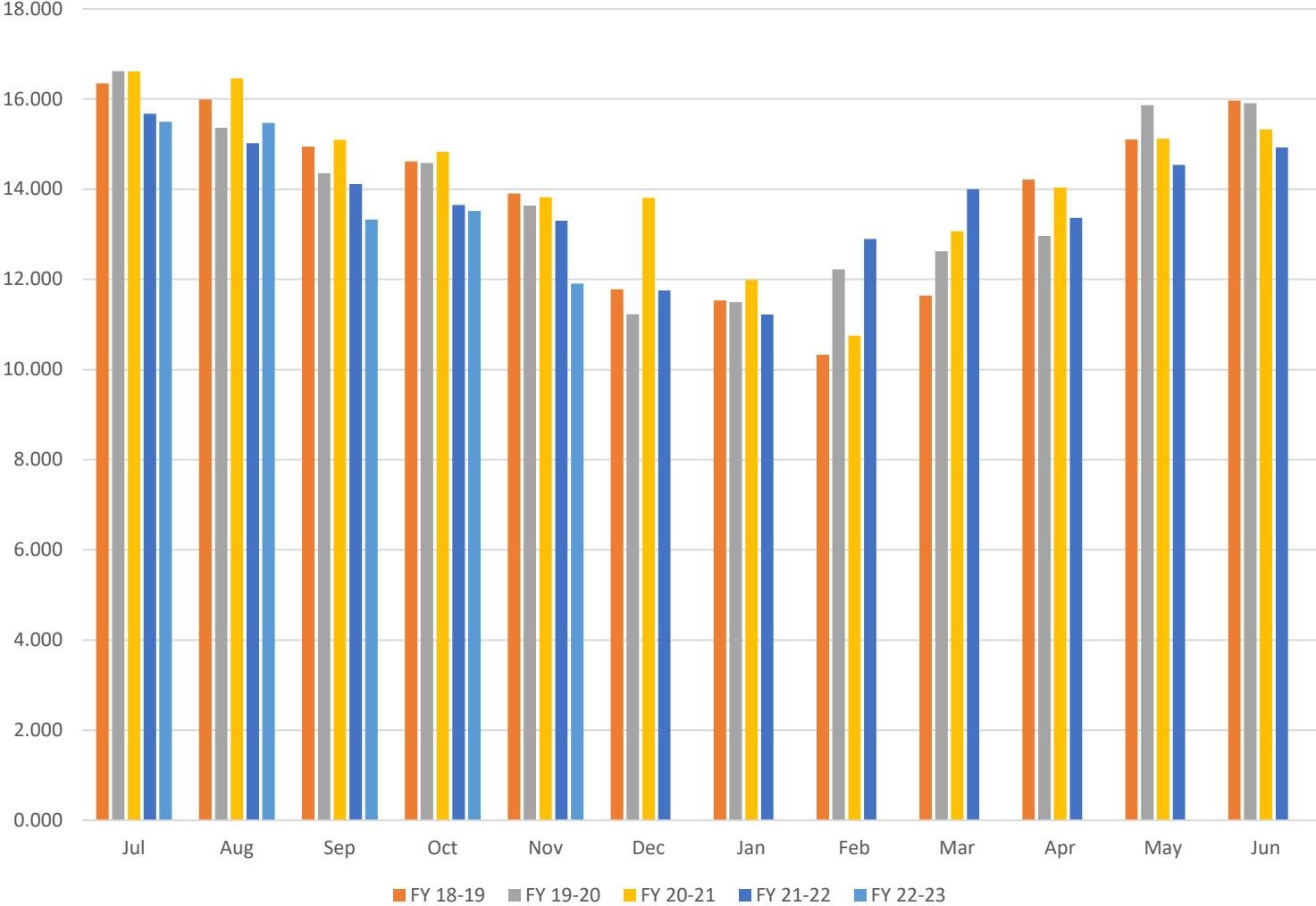
The well drilling phase of the project completed at the end of October. Water quality results indicate there will not be a need for treatment. Staff is recommending that a contract for the well equipping phase of the project be awarded to MNS Engineering. The contract for the Program C well transmission pipeline design phase of the project was awarded to Water Systems Consulting, Inc. at the July 7th Board meeting. Pipeline design should be completed by February 2023. It is estimated that construction of the pipeline will proceed in April of 2023. The District was approved for a grant in the amount of \$1.5 million for the entire project. A first invoice was submitted to DWR in October 2022. The District received its first payment for the grant reimbursement in November for about \$203,000. Staff will submit invoicing to DWR on a monthly basis.

16th Street North Tank Rehab and Coating Project

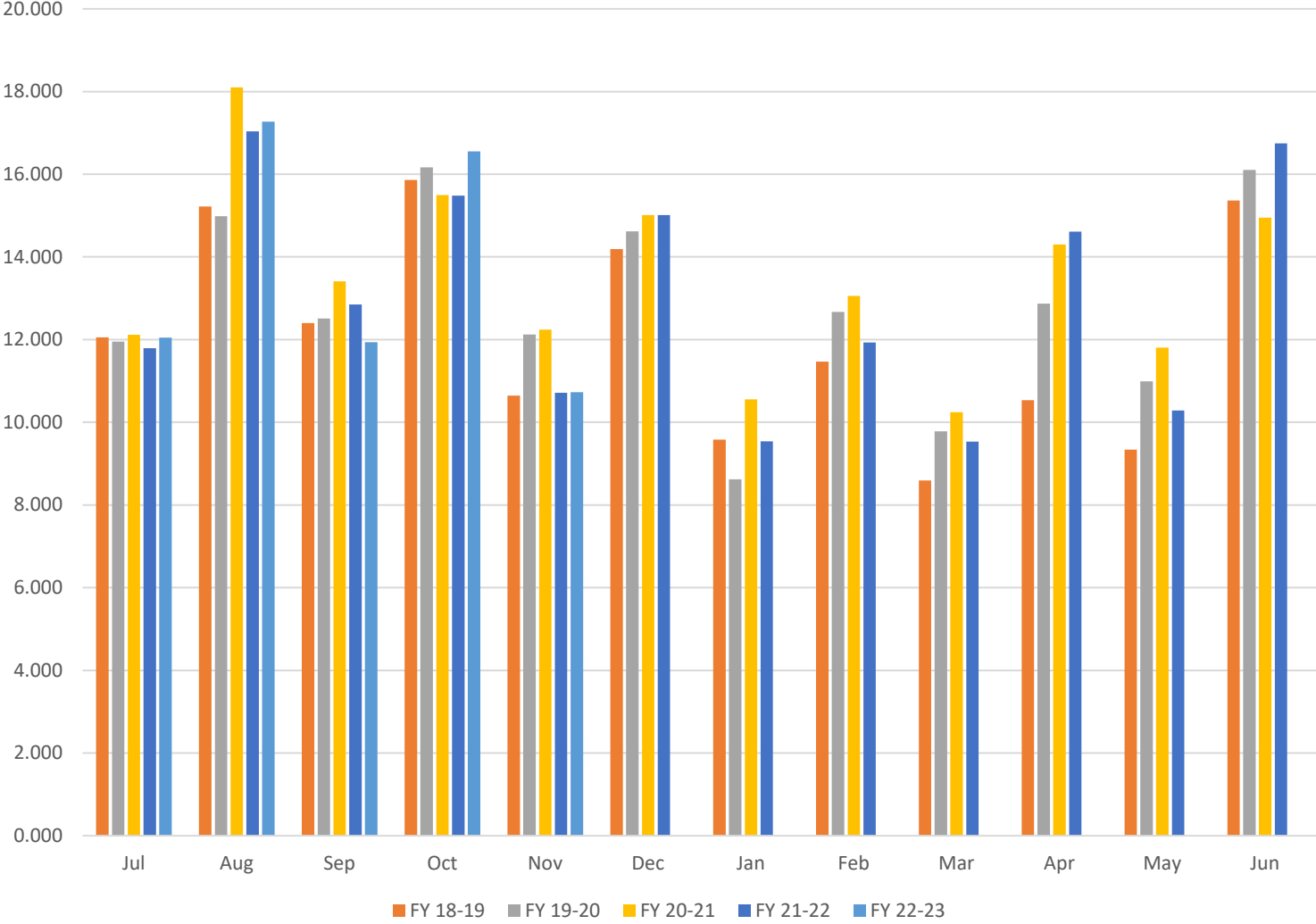
The north tank is due for a total rehab and coating on both interior and exterior. Staff is working with the District's engineer to prepare the bid documents which will come to the Board for approval in early 2023.

10th Street Transfer Pump Project. Earlier in December the 10th Street transfer pump quit working. Staff knew it was having trouble and had initiated the design for the replacement of the pump and piping. The cost of the project is approximately \$40,000. Since this project was not anticipated during developing the CIP list of projects for this fiscal year, staff will be recommending at mid-year that the Board defer the heavy equipment storage building project and replace it with the transfer pump project.

LOCS D Water Production in Million Gallons



LOCS D Water Consumption in Million Gallons



LOCSD Revenue Based on Water Billing

