



December 7, 2023

TO: LOCSD Board of Directors

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

SUBJECT: **Agenda Item 5D – 12/07/2023 Board of Directors Meeting**
Utilities Department Report for **October 2023**

WATER PRODUCTION INFORMATION

The total production for the month of **October 2023** was approximately **14.3 million gallons (MG)** which equates to an average daily demand of approximately **461,800 gallons**. This represents a **5.9% increase** in production when compared to last year.

Using the state’s formula to calculate residential usage per capita per day, for the month of **October 2023** our residential customers used **63.2** gallons per person per day, an **increase** from 58.8 gallons per person per day in October 2022.

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 2023**. Totals for last year are included for comparison:

Production (MG) October	2023	2022
Palisades	1.6421	0.5497
3rd St	2.4341	2.7802
8th Street/El Moro	1.6715	2.3110
8 th St Upper Well	1.2835	
10th St	3.8008	3.7121
South Bay (lower)	3.4210	4.0832
South Bay (upper)	0.0640	0.0820
Total:	14.3170	13.5182

Runtime (Hours) October	2023	2022
Palisades	90.7	26.7
3rd St	638.4	720.6
8th Street/El Moro	176.2	124.9
8 th Street Upper Well	186.5	
10th St	301.2	274.1
South Bay (lower)	646.2	675.6
South Bay (upper)	24.0	36.2
Total:	2063.2	1858.1

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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

FY '22-'23

FY '23-'24

Billing Period	Month	Gallons	Revenue	Month	Gallons	Revenue
5/11 to 7/10	Jul	12,046,540	\$221,290.12	Jul	11,795,212	\$227,644.42
6/11 to 8/10	Aug	17,274,312	\$315,919.84	Aug	16,926,492	\$323,526.65
7/11 to 9/10	Sep	11,935,088	\$226,879.22	Sep	12,298,616	\$236,461.89
8/11 to 10/10	Oct	16,551,744	\$309,727.62	Oct	17,732,088	\$335,199.20
9/11 to 11/10	Nov	10,730,060	\$208,838.41	Nov		
10/11 to 12/10	Dec	12,520,772	\$249,149.51	Dec		
11/11 to 1/10	Jan	9,015,644	\$185,704.11	Jan		
12/11 to 2/10	Feb	11,461,604	\$236,350.29	Feb		
1/11 to 3/10	Mar	7,469,528	\$166,283.92	Mar		
2/11 to 4/10	Apr	11,081,620	\$232,255.48	Apr		
3/11 to 5/10	May	9,099,420	\$186,965.03	May		
4/11 to 6/10	Jun	14,425,180	\$279,123.92	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). The District monitors various drainage systems throughout Los Osos. These facilities include: drainage force mains at 8th & El Moro, 6th & El Moro, Don & Mitchell and 16th Street & Paso Robles Avenue, drainage basins at Bayridge (on the corner of South Bay Blvd. and Bay Oaks Drive) Cabrillo (on Madera St), Tierra & East Tierra Drive. Our crew monitor these drainage facilities on a weekly basis. During rain events they monitor daily.

The annual report for the fiscal year 2022-2023 was submitted to the Water Board in October 2023.

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

<http://www.losososcscd.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
2023-2024	0.07	0.51	0.03	0.02	0.13	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.98
2022-2023	0.35	0.00	0.00	0.12	0.00	0.44	0.03	1.31	9.09	10.96	4.47	7.34	34.11
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

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

2023-24 CIP

16th Street North Tank Project

Repairs and re-coating project are underway. Interior work on the tank is nearly complete. Outside repairs are underway with the exterior recoating scheduled to start early December. The project is scheduled to be completed the first week of January 2024.

Program C Well Project:

Water Transmission Main Phase

There have been delays in starting this phase due to moving to Horizontal Directional Drilling which entailed changing the pipe alignment and depth of pipe profile. The project started work on November 29th.

Well Equipping Phase

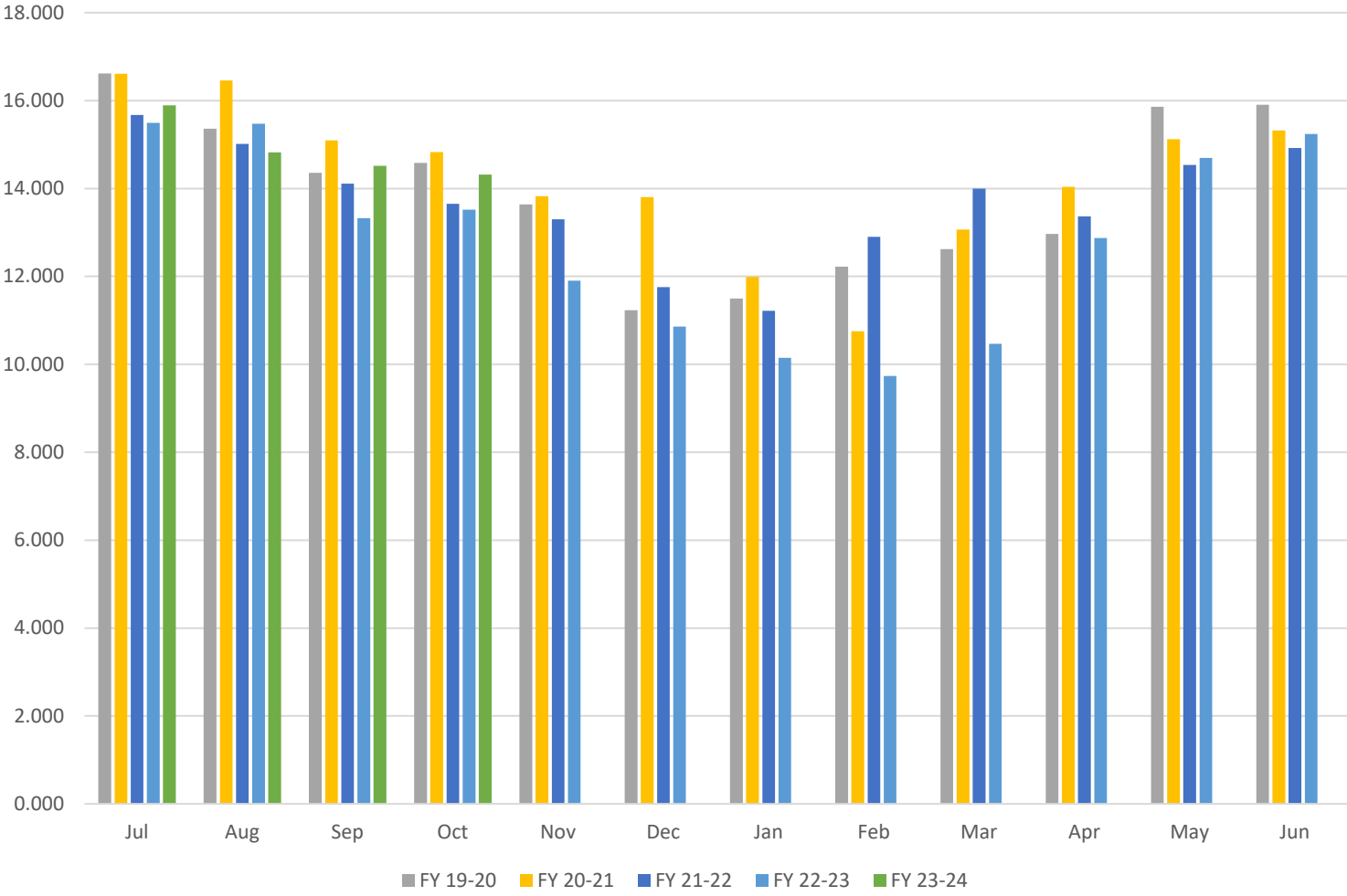
Staff is working through the County building permit process. This will probably take until late February to complete. The contractor will be ordering materials and working through supply chain issues for the electrical components of the project.

Other Updates

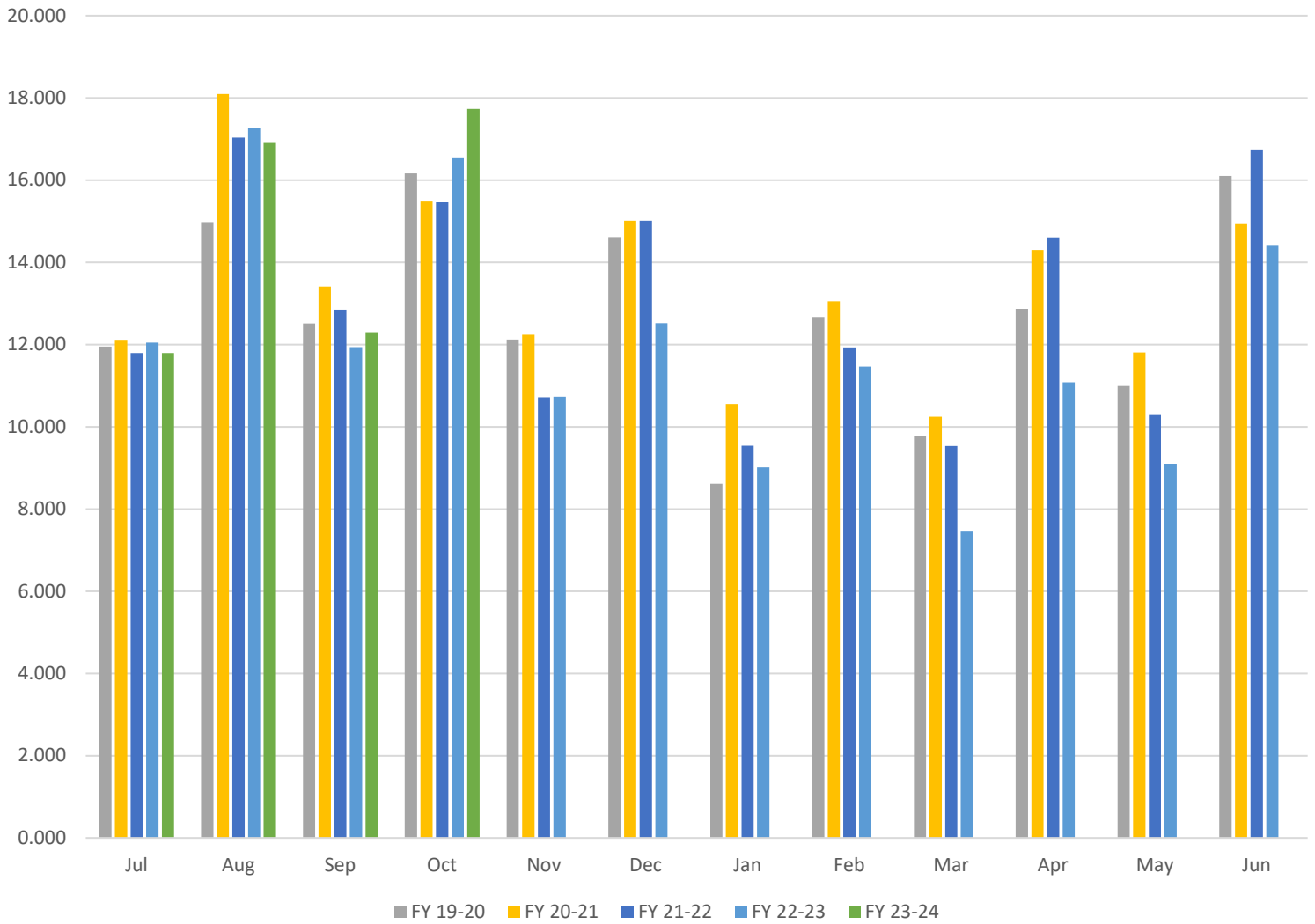
Skyline Groundwater Monitoring Well Project

Work started on November 30th and will be completed on December 8th. The monitoring wells will be part of the spring groundwater monitoring effort and will provide the much-needed data point to evaluate the extent of saltwater intrusion in the lower aquifer.

LOCS D Water Production in Million Gallons



LOCSO Water Consumption in Million Gallons



LOCSD Revenue Based on Water Billing

