



May 4, 2023

TO: LOCSO Board of Directors
FROM: Margaret Falkner, Utility Systems Manager
Alicia Zuniga, Utility Billing Specialist
SUBJECT: **Agenda Item 4D – 05/04/2023 Board of Directors Meeting**
Utilities Department Report for **March 2023**

WATER PRODUCTION INFORMATION

The total production for the month of **March 2023** was approximately **10.4 million gallons (MG)** this equates to an average daily demand of **337,600 gallons**. This represents a **25% 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 **March 2023** our residential customers used **45.6** gallons per person per day, a decrease from 63.7 gallons per person per day in March 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 **March 2023**. Totals for last year are included for comparison:

Production (MG) March	2023	2022
Palisades	0.5732	1.1342
3rd St	2.5410	2.7553
8th Street/El Moro	1.0006	2.3377
8 th St Upper Well	0.5416	
10th St	2.5757	3.8784
South Bay (lower)	3.1903	3.8362
South Bay (upper)	0.0430	0.0570
Total:	10.4654	13.9988

Runtime (Hours) March	2023	2022
Palisades	24.8	54.3
3rd St	659.2	715.1
8th Street/El Moro	77.6	126.4
8 th Street Upper Well	81.3	
10th St	198.7	313.3
South Bay (lower)	557.5	635.9
South Bay (upper)	18.6	24.0
Total:	1617.7	1869.0

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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	12,520,772	\$249,149.51
11/11 to 1/10	Jan	9,541,488	\$183,009.48	Jan	9,015,644	\$185,704.11
12/11 to 2/10	Feb	11,932,096	\$230,156.34	Feb	11,461,604	\$236,350.29
1/11 to 3/10	Mar	9,532,512	\$184,810.59	Mar	7,469,528	\$166,283.92
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.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.

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	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
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 Program C well transmission pipeline construction phase of the project is underway. Hartzell General Engineering Contractor Inc. was awarded the contract based on their experience and bid of \$861,677 which is below the engineering estimate. The well equipping phase is at 50% design with a scheduled completion date at the end of April. The District was approved for a grant in the amount of \$1.5 million for the entire project. To date, the District has received over \$700,000 in reimbursement for the project cost.

10th Street Transfer Pump Project

This project continues to be on hold while waiting for the delivery of key components needed to complete the project.

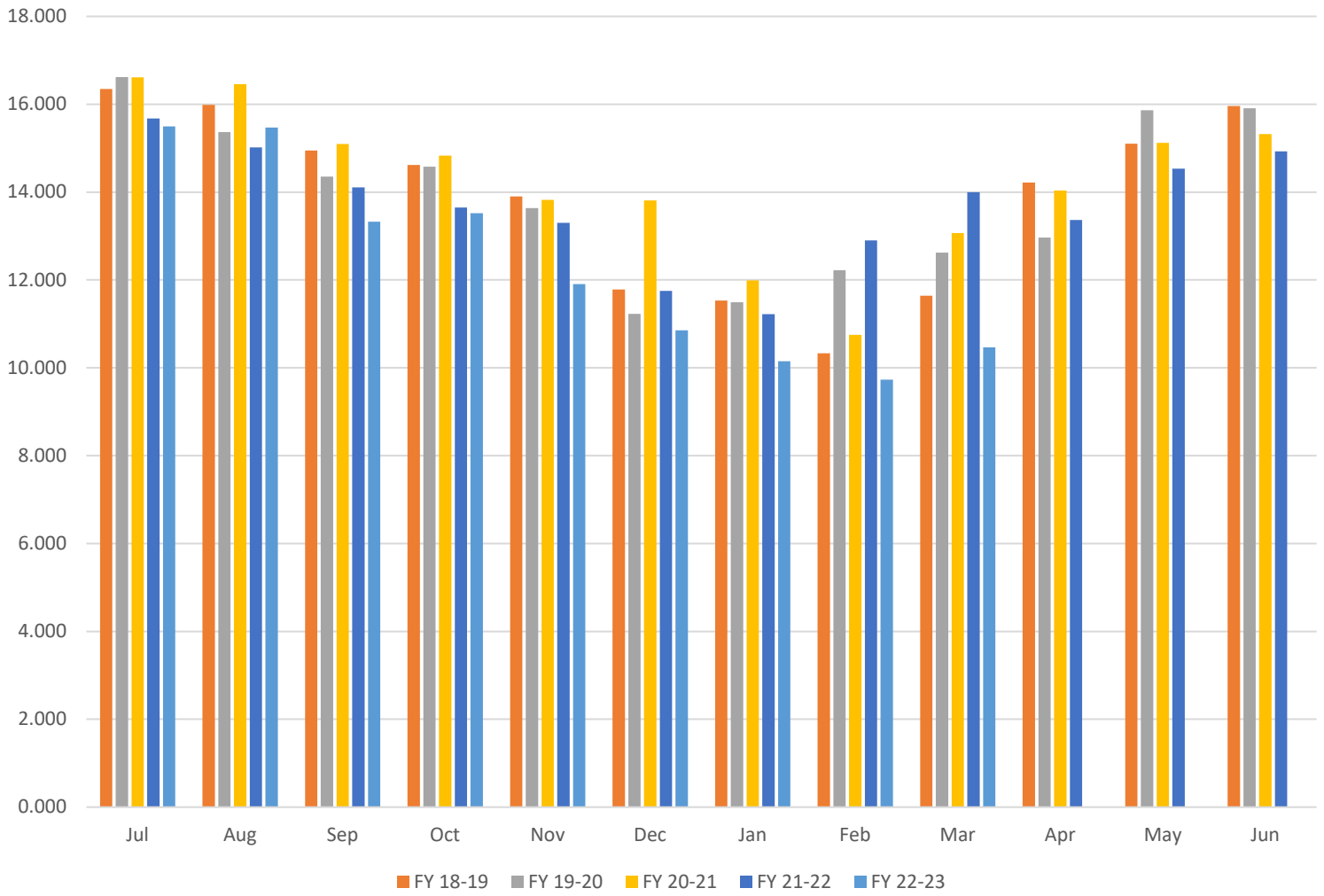
Water Resiliency Intertie Pipeline Project

The District entered into a contract to perform the environmental work on the preliminary alignment of the intertie pipeline project with SWCA. The work is scheduled to be completed by the end of August. Next steps are to researching funding sources for the design and construction of the pipeline. Staff continues to work with the County and other agencies to secure a water allocation for Los Osos.

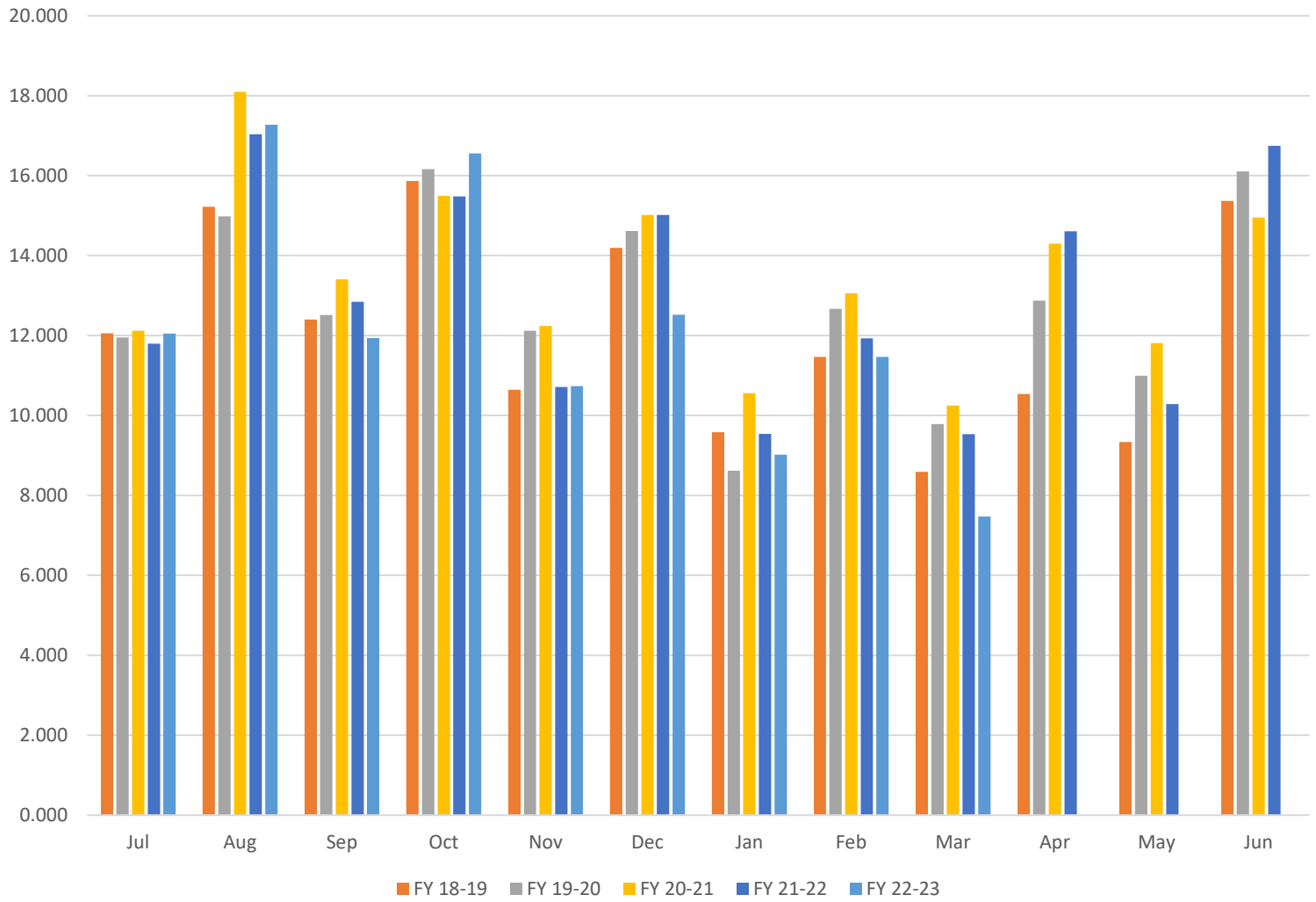
Other Updates

Cabrillo basin repairs are almost complete; the recent dry weather is helping move the project along. The basin liner installation began on Thursday, April 20th and should be completed by mid-week of April 24th. Demobilizing of the site will take place shortly after. There are still some issues that need to be resolved regarding the inspection of the entire north basin berm to ensure its integrity and the overflow structure and outfall onto Pecho Valley Road. It is anticipated that there will be a follow up project to complete these items and more during the next couple of years.

LOCSD Water Production in Million Gallons



LOCSD Water Consumption in Million Gallons



LOCS D Revenue Based on Water Billing

