



September 1, 2022

**TO:** LOCSD Board of Directors

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

**SUBJECT:** **Agenda Item 4D - 09/01/2022 Board Meeting**  
Utilities Department Report for **July 2022**

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**WATER PRODUCTION INFORMATION**

The total production for the month of **July 2022** was approximately **15.5 million gallons (MG)** this equates to an average daily demand of **499,800 gallons**. This represents a **1.2% 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 **July 2022** our residential customers used **66.8** gallons per person per day, a decrease from 67.6 gallons per person per day in July 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 **July 2022**. Totals for last year are included for comparison:

<b>Production (MG) July</b>	<b>2022</b>	<b>2021</b>
Palisades	1.2135	1.1117
3rd St	1.5540	2.8762
8th Street/El Moro	2.3137	3.2156
10th St	5.9292	3.9715
South Bay (lower)	4.3533	4.4228
South Bay (upper)	0.1310	0.0770
<b>Total:</b>	<b>15.4947</b>	<b>15.6748</b>

<b>Runtime (Hours) July</b>	<b>2022</b>	<b>2021</b>
Palisades	58.5	53.5
3rd St	401.3	703.2
8th Street/El Moro	125.7	176.1
10th St	483.6	336.1
South Bay (lower)	720.1	733.1
South Bay (upper)	58.9	32.8
<b>Total:</b>	<b>1848.1</b>	<b>2034.8</b>

**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		
7/11 to 9/10	Sep	12,846,152	\$227,634.65	Sep		
8/11 to 10/10	Oct	15,479,112	\$277,602.84	Oct		
9/11 to 11/10	Nov	10,715,100	\$199,353.50	Nov		
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 WID # 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). Staff has begun reporting for the calendar 2021 year through the state’s portal. Reporting will be finalized by October 2022.

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 1<sup>st</sup> through March 31<sup>st</sup>.

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.35</b>
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	<b>13.20</b>
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	<b>13.52</b>
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	<b>13.23</b>
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	<b>23.09</b>
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	<b>13.62</b>

**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

### CIP Projects Wrap Up

#### **8<sup>th</sup> St. Upper Aquifer Well**

The construction and equipping of the well is complete and operational. All the required information and water quality testing results have been provided to the Division of Drinking Water (DDW). The final permit was issued on 8/26/22.

#### **16th Street South Tank Rehab and Coating Project**

The 16<sup>th</sup> St. Tank project is complete except for some minor repairs to the asphalt and small retaining wall damaged during the project. Water quality samples were taken and the Division of Drinking Water approved the water quality results. The tank was placed back in service on August 4, 2022.

### 2022-23 CIP

#### **Bay Oaks Well (formerly Program C Well)**

The drilling contract was awarded to Pacific Coast Well Drilling, Inc. the test hole and final well design are complete. All materials have been ordered to complete the well which is scheduled for completion by the end of September. Pipeline design is underway and should be completed by the end of December 2022. It is estimated that construction of the pipeline will proceed in March of 2023. The District was approved for a grant in the amount of \$1.5 million to offset the cost of the entire project.

#### **16th Street North Tank Rehab and Coating Project**

The north tank is due for a total rehab and coating on both interior and exterior. We will work with the District engineer to get bid documents out this year with work hopefully beginning in early 2023.

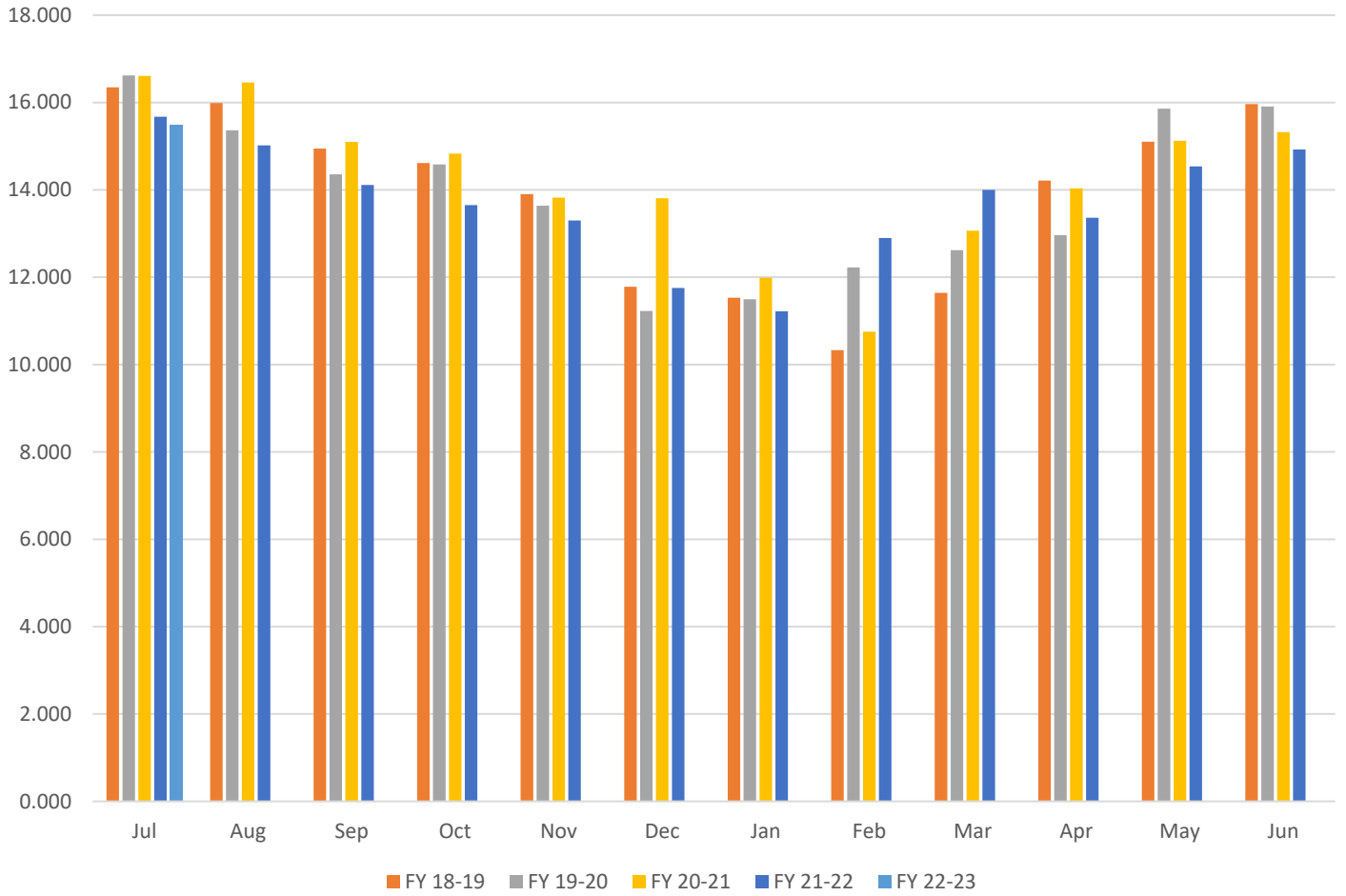
#### **Heavy Equipment Storage Building**

For years the heavy equipment has been stored outside in the elements. Staff is working on getting quotes on a manufactured building to be installed at our Ferrell Well site. This will provide much needed protection of the equipment. This will require a building permit from the County.

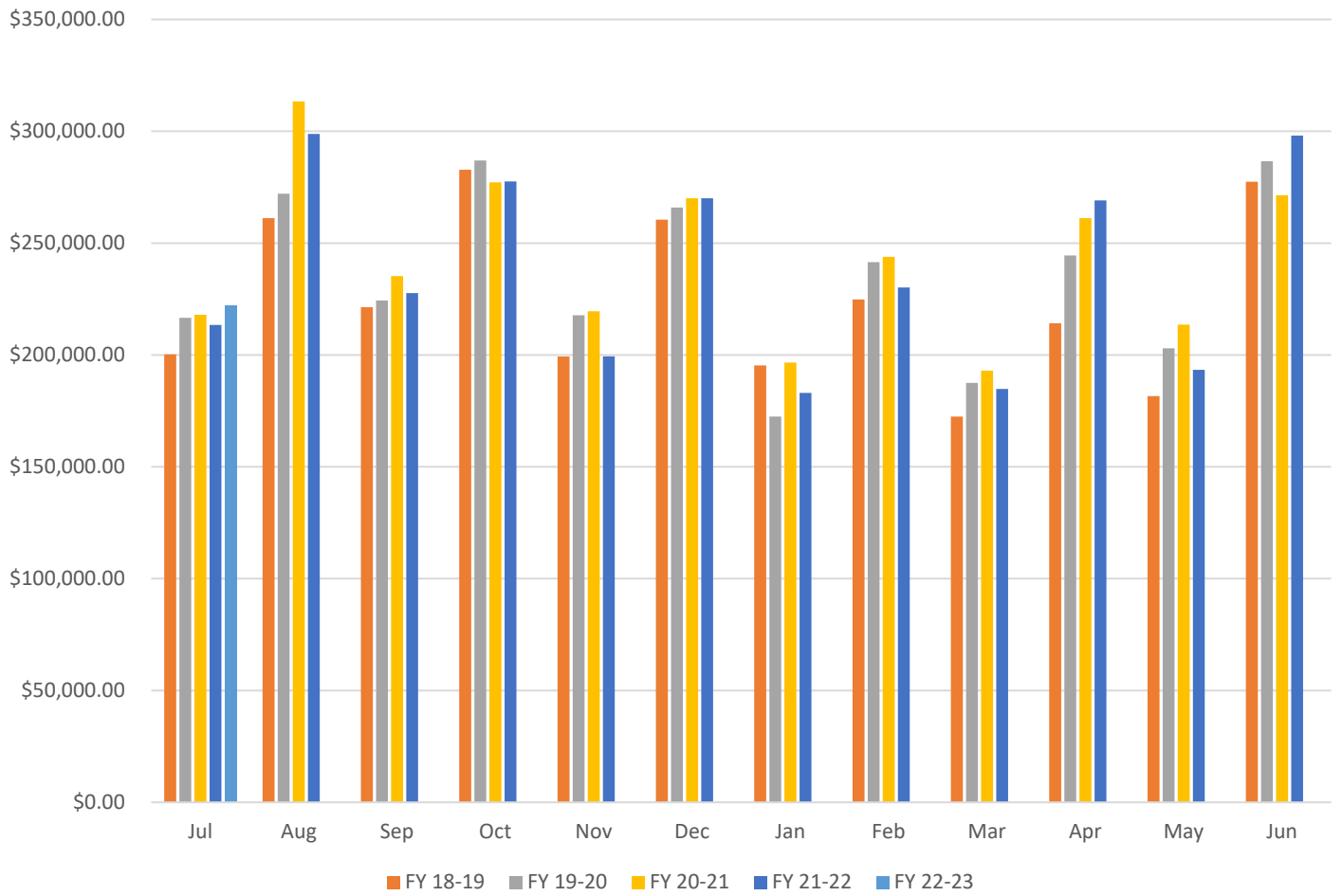
### New Drought Reporting

The State Water Resources Control Board Division of Drinking Water has selected the LOCSD to report on potential water shortages due to the drought. The Division of Drinking Water, in the effort of identifying potential drought impacted systems, has issued a drought technical order to 258 systems over two phases in order to help water systems track and prepare for potential water shortages. The District has submitted its first report for the month of July 2022.

### LOCS D Water Production in Million Gallons



### LOCSD Revenue Based on Water Billing



## LOCS D Water Consumption in Million Gallons

