



November 3, 2022

**TO:** LOCSD Board of Directors

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

**SUBJECT:** **Agenda Item 4D – 11/03/2022 Board of Directors Meeting**  
Utilities Department Report for **September 2022**

**WATER PRODUCTION INFORMATION**

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**Vice President**  
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**District Accountant**  
Robert Stilts, CPA

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**Battalion Chief**  
Paul Provence

The total production for the month of **September 2022** was approximately **13.3 million gallons (MG)** this equates to an average daily demand of **444,300 gallons**. This represents a **5.5% 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 **September 2022** our residential customers used **59.4** gallons per person per day, a decrease from 62.9 gallons per person per day in September 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 **September 2022**. Totals for last year are included for comparison:

<b>Production (MG) September</b>	<b>2022</b>	<b>2021</b>
Palisades	0.4612	1.7101
3rd St	2.7157	2.7081
8th Street/El Moro	1.5433	2.0130
10th St	4.4172	3.6964
South Bay (lower)	4.0901	3.7236
South Bay (upper)	0.1000	0.2590
<b>Total:</b>	<b>13.3275</b>	<b>14.1102</b>

<b>Runtime (Hours) September</b>	<b>2022</b>	<b>2021</b>
Palisades	23.3	56.0
3rd St	703.4	680.7
8th Street/El Moro	82.9	105.7
10th St	342.2	313.3
South Bay (lower)	677.5	626.0
South Bay (upper)	45.0	112.5
<b>Total:</b>	<b>1874.3</b>	<b>1894.2</b>

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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		
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 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). Staff submitted the annual report for FY21-22 through the state’s SMARTS portal on September 30, 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	0.12	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.91</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 Project Wrap Up**

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

The piping, valves and other associated work on the 8<sup>th</sup> St. Upper Aquifer Well was completed back in February. After delays, the work on the controls were recently completed. The Division of Drinking Water (DDW) inspected the well on July 11<sup>th</sup>. Permit amendment was approved by the state on August 26, 2022. The District will have to add some monthly monitoring of water quality parameters along with the 8<sup>th</sup> Street lower well. Crew has added corrosion control treatment point on this well with the approval of the state. It is anticipated the project will be completed and the well will be ready for service in October 2022.

### **2022-23 CIP**

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

The drilling contract was awarded to Pacific Coast Well Drilling, Inc. They are a local company out of Templeton. Notice to proceed was issued with mobilization started on August 4<sup>th</sup>. The contract for the Program C well transmission pipeline phase of the project was awarded to Water Systems Consulting, Inc. at the July 7<sup>th</sup> Board meeting. Pipeline design 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 for the entire project.

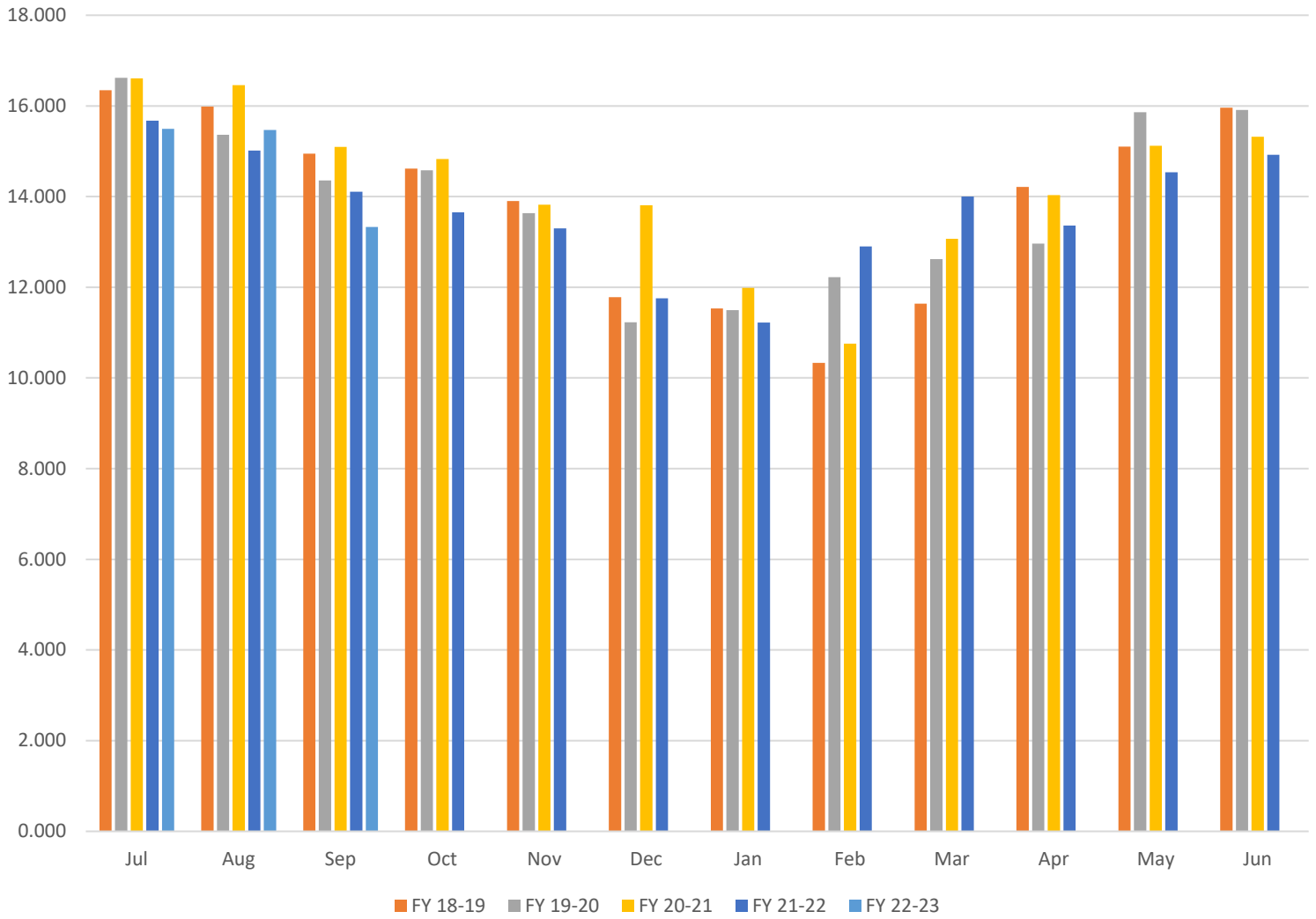
#### **16th Street North Tank Rehab and Coating Project**

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

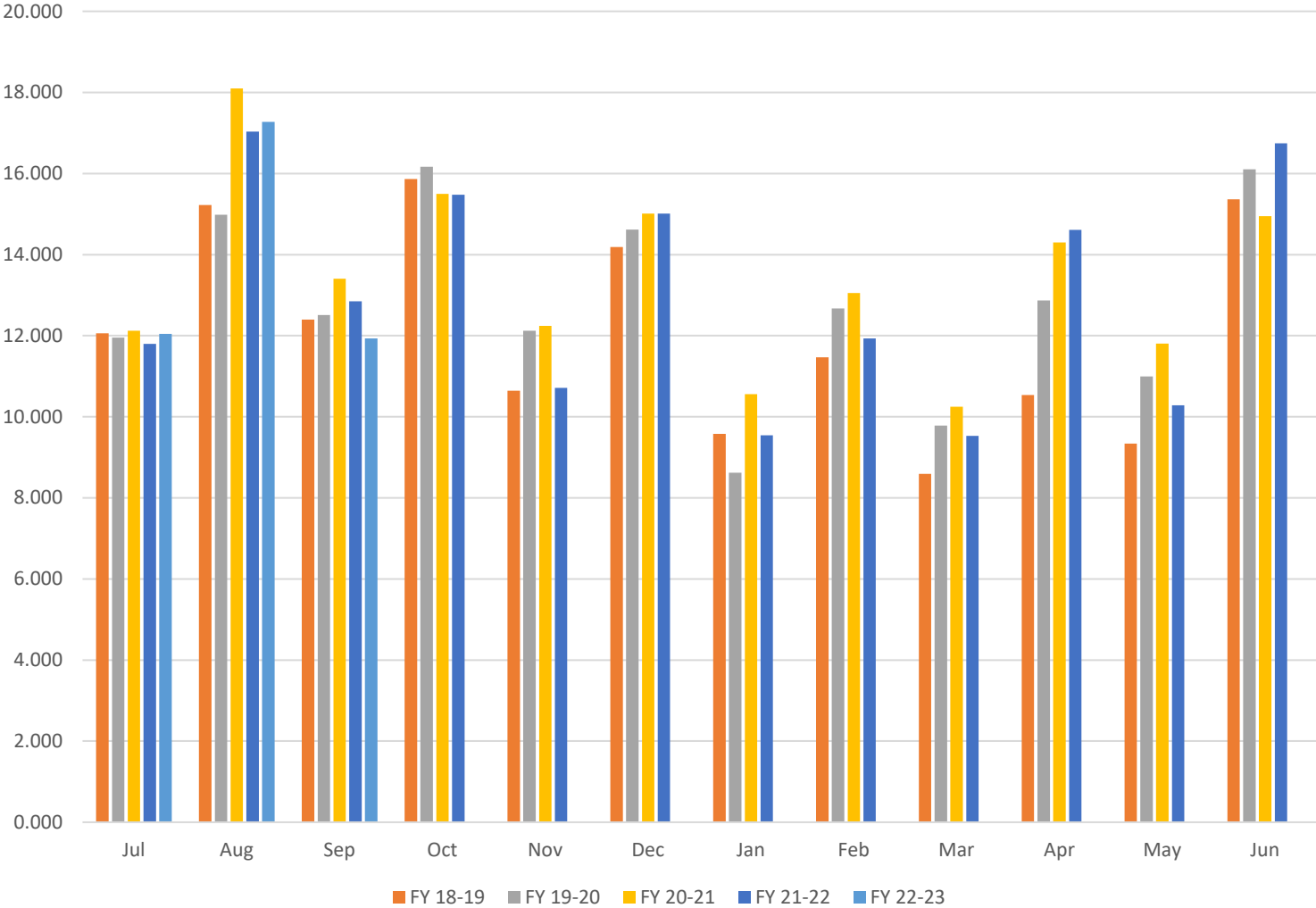
#### **Heavy Equipment Storage Building**

For years the heavy equipment has been stored outside in the elements. We are gathering quotes on a manufactured building to be installed at our Ferrell Well site. Quotes will also include paving the area the building covers. This will provide much needed protection of the equipment. This will require a building permit from the County.

### LOCSO Water Production in Million Gallons



### LOCS D Water Consumption in Million Gallons



### LOCS D Revenue Based on Water Billing

