



October 7, 2021

TO: LOCSD Board of Directors

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

SUBJECT: **Agenda Item 4D - 10/07/2021 Board Meeting**
Utilities Department Report for **August 2021**

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Vice President
Matthew D. Fourcroy

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WATER PRODUCTION INFORMATION

The total production for the month of **August 2021** was approximately **15.0 million gallons (MG)** this equates to an average daily demand of **484,500 gallons**. This represents an **8.8% 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 **August 2021** our residential customers used **64.8** gallons per person per day, a decrease from 73.4 gallons per person per day in August 2020.

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 **August 2021**. Totals for last year are included for comparison:

Production (MG) August	2021	2020
Palisades	1.5048	5.5400
3rd St	2.8787	0.0000
8th Street/El Moro	1.4497	8.2100
10th St	4.8207	0.0000
South Bay (lower)	4.2172	2.1900
South Bay (upper)	0.1470	0.5300
Total:	15.0181	16.4700

Runtime (Hours) August	2021	2020
Palisades	72.4	275.7
3rd St	708.0	0.2
8th Street/El Moro	80.4	463.2
10th St	408.7	0.0
South Bay (lower)	698.7	736.2
South Bay (upper)	64.9	313.4
Total:	2033.1	1788.7

WATER BILLING INFORMATION

Billing Period	FY '20-'21			FY '21-'22		
	Month	Gallons	Revenue	Month	Gallons	Revenue
5/11 to 7/10	Jul	12,119,096	\$217,906.44	Jul	11,795,212	\$213,418.01
6/11 to 8/10	Aug	18,097,860	\$313,290.49	Aug	17,035,700	\$298,796.24
7/11 to 9/10	Sep	13,407,900	\$235,232.34	Sep		
8/11 to 10/10	Oct	15,497,064	\$277,149.49	Oct		
9/11 to 11/10	Nov	12,240,272	\$219,526.66	Nov		
10/11 to 12/10	Dec	15,013,108	\$270,072.58	Dec		
11/11 to 1/10	Jan	10,555,776	\$196,582.18	Jan		
12/11 to 2/10	Feb	13,054,096	\$243,860.92	Feb		
1/11 to 3/10	Mar	10,246,104	\$192,968.25	Mar		
2/11 to 4/10	Apr	14,298,768	\$261,154.06	Apr		
3/11 to 5/10	May	11,807,180	\$213,599.19	May		
4/11 to 6/10	Jun	14,948,780	\$271,387.08	Jun		

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
2021-2022	0.00	0.04	0.00	0.00	0.00								0.04
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

Program C Well

The District's environmental consultant, SWCA, completed the work on the project's Initial Study/Mitigated Negative Declaration. The public comment period closed on June 19, 2021. A public hearing for Resolution 2021-19 to Adopt a Mitigated Negative Declaration for the Program C Lower Aquifer Well Project was adopted at August 5, 2021 Board of Directors meeting. Staff is continuing to work on the scope of work for the drilling phase of the project and the Minor Use Permit application with the County. Staff submitted a grant application through the Small Community Drought Relief Program.

8th St. Upper Aquifer Well

This project has been in works since 2016 with 90% design documents completed in 2018. The estimated cost of the project at that time was approximately \$315,000. This cost did not include construction management and other project management costs. The project was put on hold while the District applied for a Department of Water Resources grant through the County's Integrated Regional Water Management program. The grant amount is about \$240,000. Though the grant documents haven't been signed, the District was given the go ahead to start the project with the anticipation of being reimbursed at a future date. Since the engineering estimates for the cost of the project are over three years old, staff authorized the design engineer to update the costs and complete the design to ready the project to go out to bid. The revised cost of the project, including construction management costs, is \$366,500. At the Board meeting on June 3rd the notice to invite bids was approved with a construction cost estimate of \$310,000. The bidding period closed on July 13, 2021. The District received four bids that were all lower than the engineer's estimate. The lowest bid was \$207,300. Notice of Award and Notice to Proceed have been issued.

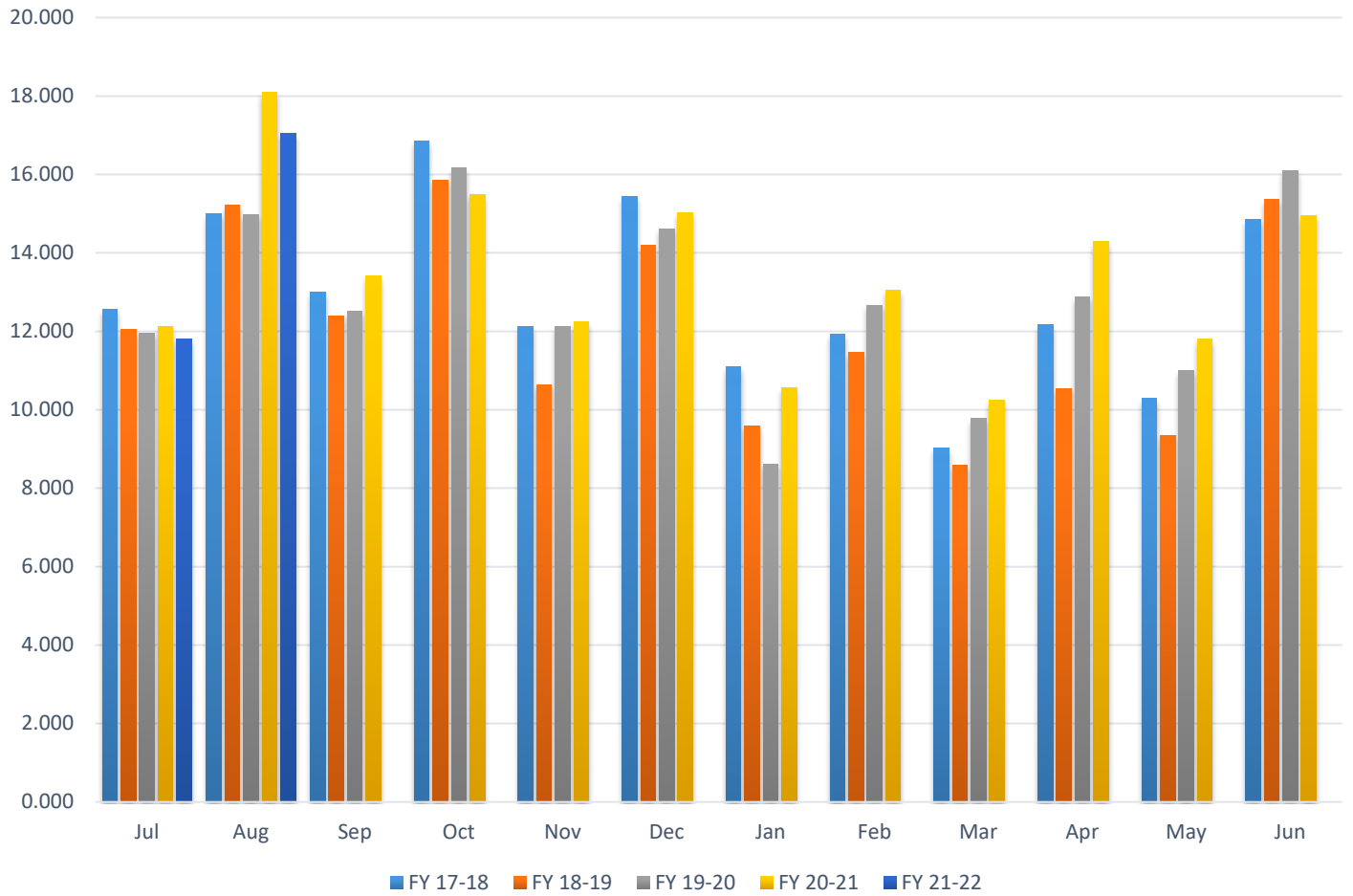
16th Street North Tank Fill-line Project

At the kickoff meeting, staff and consultants discussed the North Tank Fill line that developed a leak. Utilities crew placed a band-clamp on the spot where the breach occurred. That fill-line was replaced in 2005 after the San Simeon Earthquake and paid for by FEMA and OES. At that time, it was priced at \$37,800. We are working with our District engineer on current cost estimate for this project. A mid-year budget adjustment will have to be made to move the project forward.

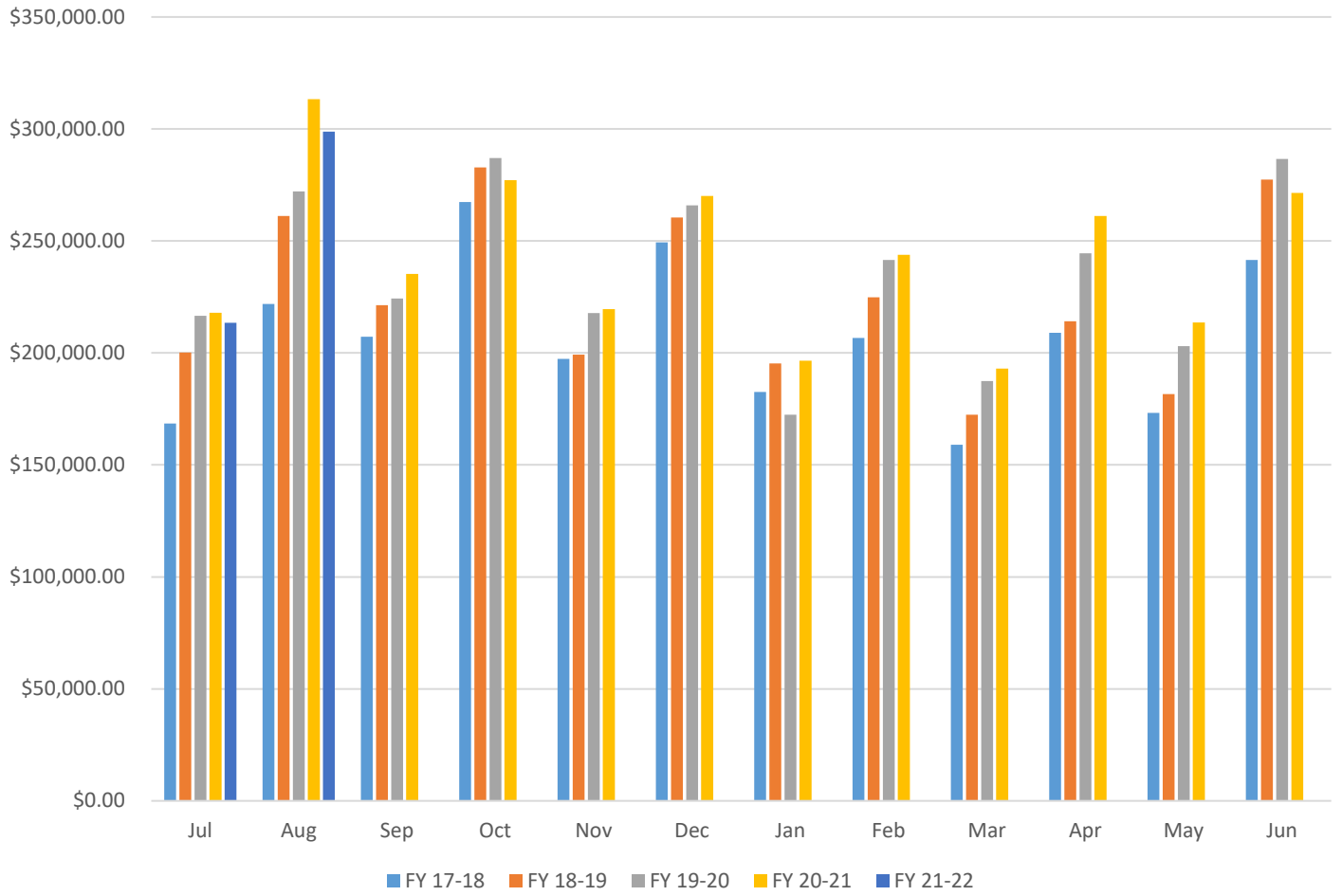
16th Street South Tank Rehab and Coating Project

The District Engineer prepared bid packets for the major rehab and coating of this South tank. Bids are due in the LOCSD office by October 14, 2021 by 3:00 pm. The work is comprised of providing exterior re-coating of the entire tank exterior including appurtenances, complete tank interior re-coating including dollar plate and rafters, and other miscellaneous items of work. The tank is an existing 520,000-gallon potable water welded steel tank. It is approximately 46 feet diameter and 42'6" tall with a self-supported dome roof. The tank is known to have lead-based coatings on the exterior surfaces so Cal/OSHA and EPA standards are necessary. Once bids are received, the General Manager will award the contract to the lowest responsive bidder if they come in under the engineer's estimate of \$350,000.

Water Consumption in Million Gallons



Water Revenue



Water Production in Million Gallons

