



November 4, 2021

TO: LOCSO Board of Directors

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

SUBJECT: **Agenda Item 6D - 11/04/2021 Board Meeting**
Utilities Department Report for **September 2021**

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WATER PRODUCTION INFORMATION

The total production for the month of **September 2021** was approximately **14.1 million gallons (MG)** this equates to an average daily demand of **470,300 gallons**. This represents a **6.5% 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 2021** our residential customers used **62.9** gallons per person per day, a decrease from 67.3 gallons per person per day in September 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 **September 2021**. Totals for last year are included for comparison:

| Production (MG) September | 2021 | 2020 |
|----------------------------------|----------------|----------------|
| Palisades | 1.7101 | 5.3171 |
| 3rd St | 2.7081 | 0.0000 |
| 8th Street/El Moro | 2.0130 | 7.3236 |
| 10th St | 3.6964 | 0.0000 |
| South Bay (lower) | 3.7236 | 2.0228 |
| South Bay (upper) | 0.2590 | 0.4338 |
| Total: | 14.1102 | 15.0973 |

| Runtime (Hours) September | 2021 | 2020 |
|----------------------------------|---------------|---------------|
| Palisades | 56.0 | 259.0 |
| 3rd St | 680.7 | 0.4 |
| 8th Street/El Moro | 105.7 | 411.6 |
| 10th St | 313.3 | 24.1 |
| South Bay (lower) | 626.0 | 654.9 |
| South Bay (upper) | 112.5 | 257.5 |
| Total: | 1894.2 | 1607.5 |

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 | 12,846,152 | \$227,634.65 |
| 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.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 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 | 0.00 | | | | | | | 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 Minor Use Permit required for the project was submitted to the County October 8th. Staff will continue to work closely with County to ensure the application is processed as quickly as possible. Staff is continuing to work on the scope of work for the drilling phase of the project. A grant application was submitted to the California Department of Water Resources (DWR) for approximately \$1.6 million with matching funds of \$500,000. The grant is the Small Community Drought Relief Program funded through the DWR which has \$200 million available until funds run out. Due to the drought our basin is experiencing and the effects of seawater intrusion, this project is critical infrastructure required for sustainability of our groundwater basin. Staff has been in contact with DWR and has been told the District will be provided an update on the grant submittal by mid-December.

8th St. Upper Aquifer Well

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 Hartzell General Engineering Contractor. The start date of the project is still to be determined. There have supply chain issues mainly with the electrical components of the project. Staff will keep the committee posted on the project schedule when available.

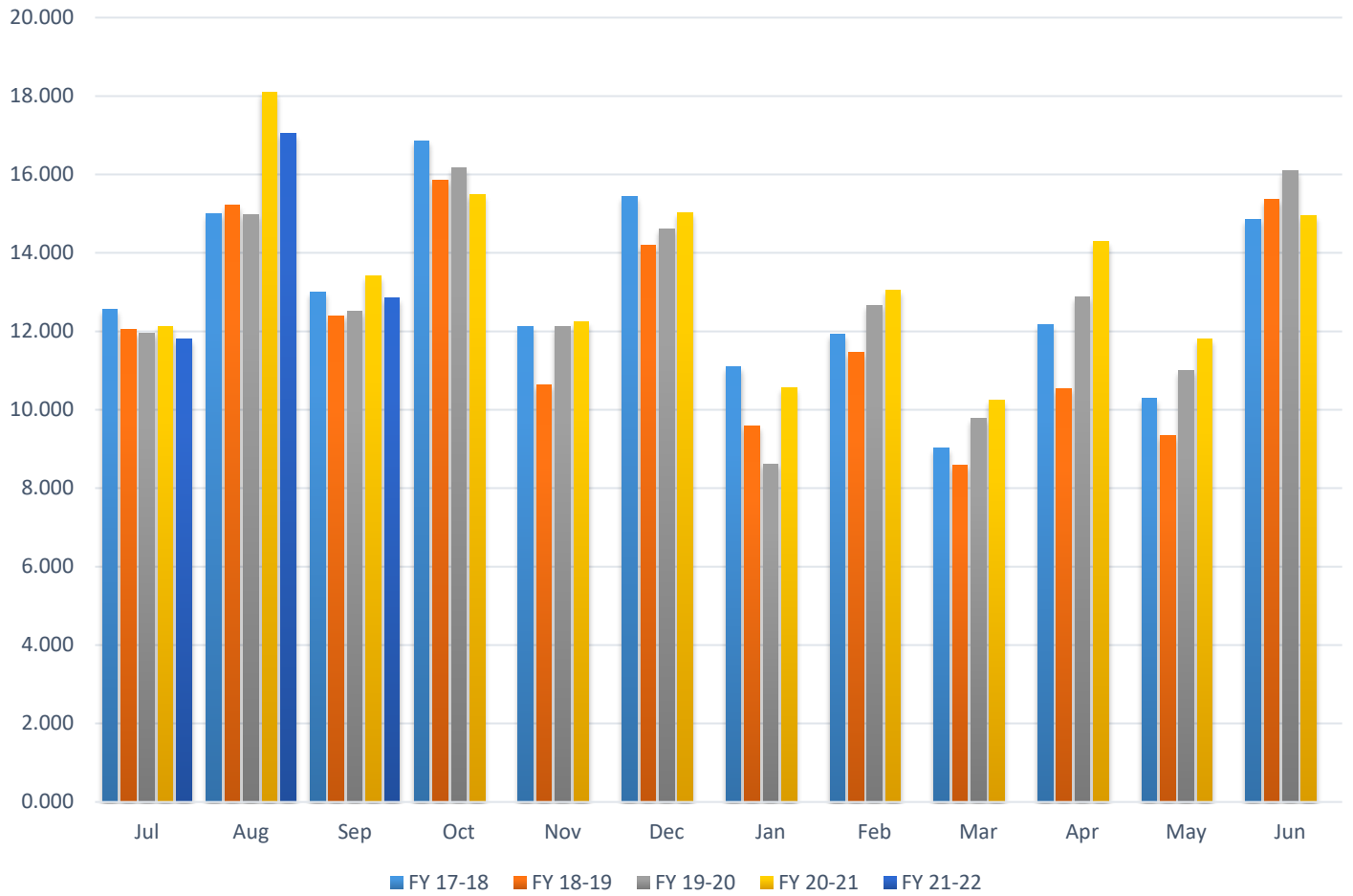
16th Street South Tank Rehab and Coating Project

The District Engineer prepared bid packets for the major rehab and coating of this South tank. Three bids were submitted by the October 14, 2021 deadline. The work is comprised of providing 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 engineer's estimate for the project is \$350,000. The lowest bid submitted was \$400,343. The other two bids were over \$500,000. Staff and the District consultant are in the process of evaluating the lowest bid in order to determine if the project submittal should be forwarded to the Board for consideration and award.

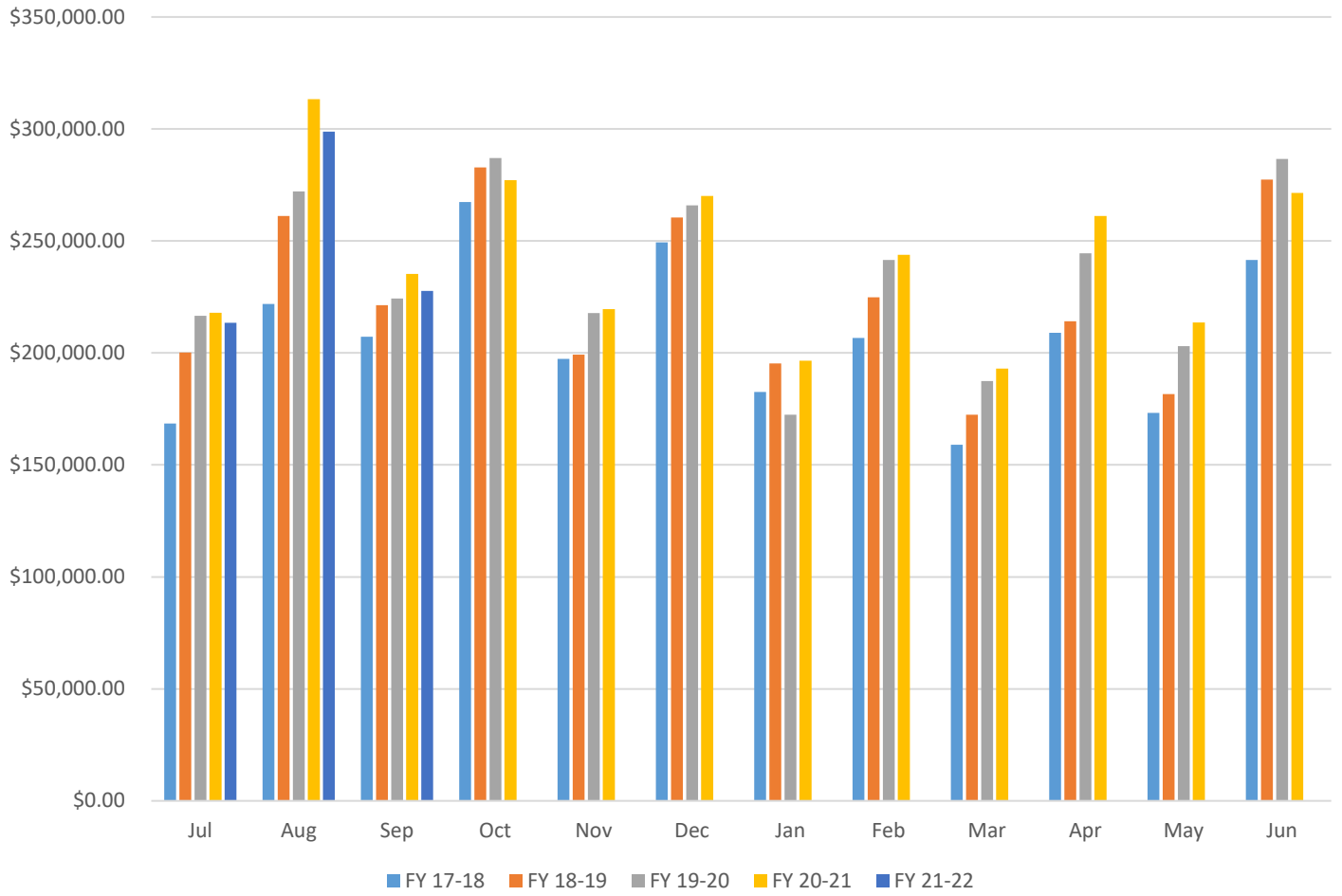
Upcoming Work Efforts

- CIP Five Year Program Update
- Water Rate Study
- Water Conservation Program Update
- Water Shortage Contingency Plan Review and Update

Water Consumption in Million Gallons



Water Revenue



Water Production in Million Gallons

