



June 3, 2021

TO: LOCSD Board of Directors

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

SUBJECT: **Agenda Item 4C - 06/03/2021 Board Meeting**
Utilities Department Report for **April 2021**

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Vice President
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WATER PRODUCTION INFORMATION

The total production for the month of **April 2021** was approximately **14.04 million gallons (MG)** this equates to an average daily demand of **467,900 gallons**. This represents an **8.26% increase** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **April 2021** our residential customers used **62.5** gallons per person per day, an increase from 57.8 gallons per person per day in April 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 **April 2021**. Totals for last year are included for comparison:

Production (MG) April	2021	2020
Palisades	1.8779	3.4925
3rd St	2.8099	0.0000
8th Street/El Moro	2.8742	4.1110
10th St	2.8996	3.5481
South Bay (lower)	3.4961	1.2487
South Bay (upper)	0.0780	0.5640
Total:	14.0357	12.9643

Runtime (Hours) April	2021	2020
Palisades	87.9	169.3
3rd St	676.0	0.2
8th Street/El Moro	157.6	226.1
10th St	227.6	226.2
South Bay (lower)	659.8	435.7
South Bay (upper)	34.3	334.4
Total:	1843.2	1391.9

WATER BILLING INFORMATION

FY '19-'20			FY '20-'21		
Month	Gallons	Revenue	Month	Gallons	Revenue
Jul	11,953,040	\$216,577.84	Jul	12,119,096	\$217,906.44
Aug	14,980,944	\$272,102.61	Aug	18,097,860	\$313,290.49
Sep	12,585,100	\$224,312.76	Sep	13,407,900	\$235,232.34
Oct	16,165,028	\$286,960.25	Oct	15,497,064	\$277,149.49
Nov	12,121,340	\$217,727.51	Nov	12,240,272	\$219,526.66
Dec	14,617,416	\$265,928.52	Dec	15,013,108	\$270,072.58
Jan	8,617,708	\$172,429.51	Jan	10,555,776	\$196,582.18
Feb	12,669,624	\$241,461.74	Feb	13,054,096	\$243,860.92
Mar	9,780,848	\$187,483.31	Mar	10,246,104	\$192,968.25
Apr	12,867,844	\$244,449.45	Apr	14,298,768	\$261,154.06
May	10,992,608	\$202,963.74	May		
Jun	16,105,188	\$286,586.98	Jun		

UTILITIES DEPARTMENT OPERATIONS AND MAINTENANCE

During the month of April 2021, the Utilities crew performed all required operations and maintenance tasks. The various tasks and facilities maintained are:

WATER DISTRIBUTION AND TREATMENT

- Daily, weekly, and monthly water quality sampling, analysis and reporting, for all well sites and throughout the distribution system.
- Monthly meter reading.
- Grounds keeping at well and drainage sites.
- CIP project tracking

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.

Station Name and Number													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												0.00			
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

SWCA has completed the work on the project's Mitigated Negative Declaration. The public comment period opens on May 19, 2021 and close on June 19, 2021 at 5:00pm. Comments on the proposed project and Mitigated Negative Declaration may be mailed to the LOCSD office or by email to the District's contract planner, Brandi Cummings at brandi.cummings@swca.com.

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.

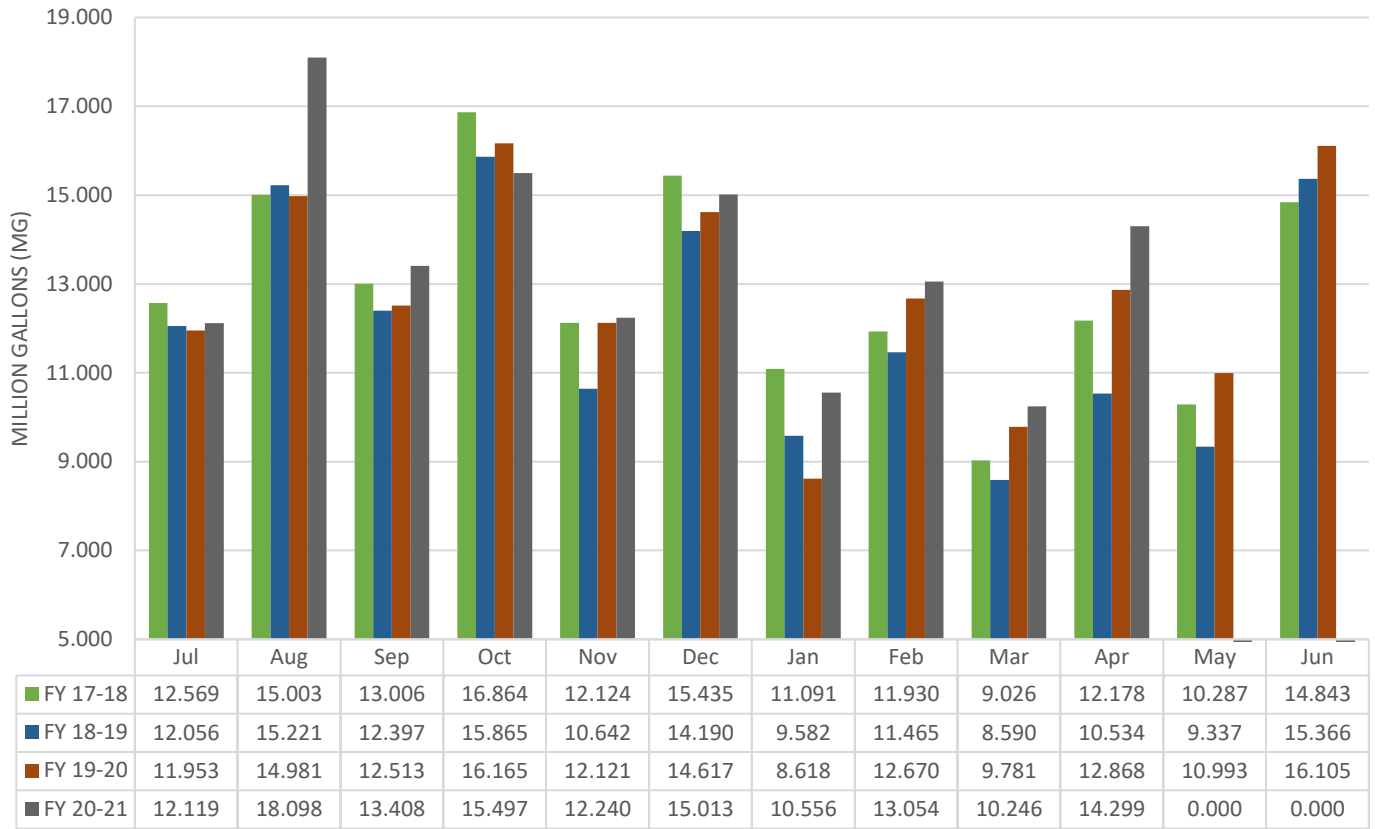
8th St. Upper Aquifer Well

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 for \$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 two years old, staff has authorized the design engineer to update the costs and complete the design to ready the project to go out to bid. It is anticipated that staff will bring the bid package, including the total project cost, to the Board for approval at the June 3rd Board meeting.

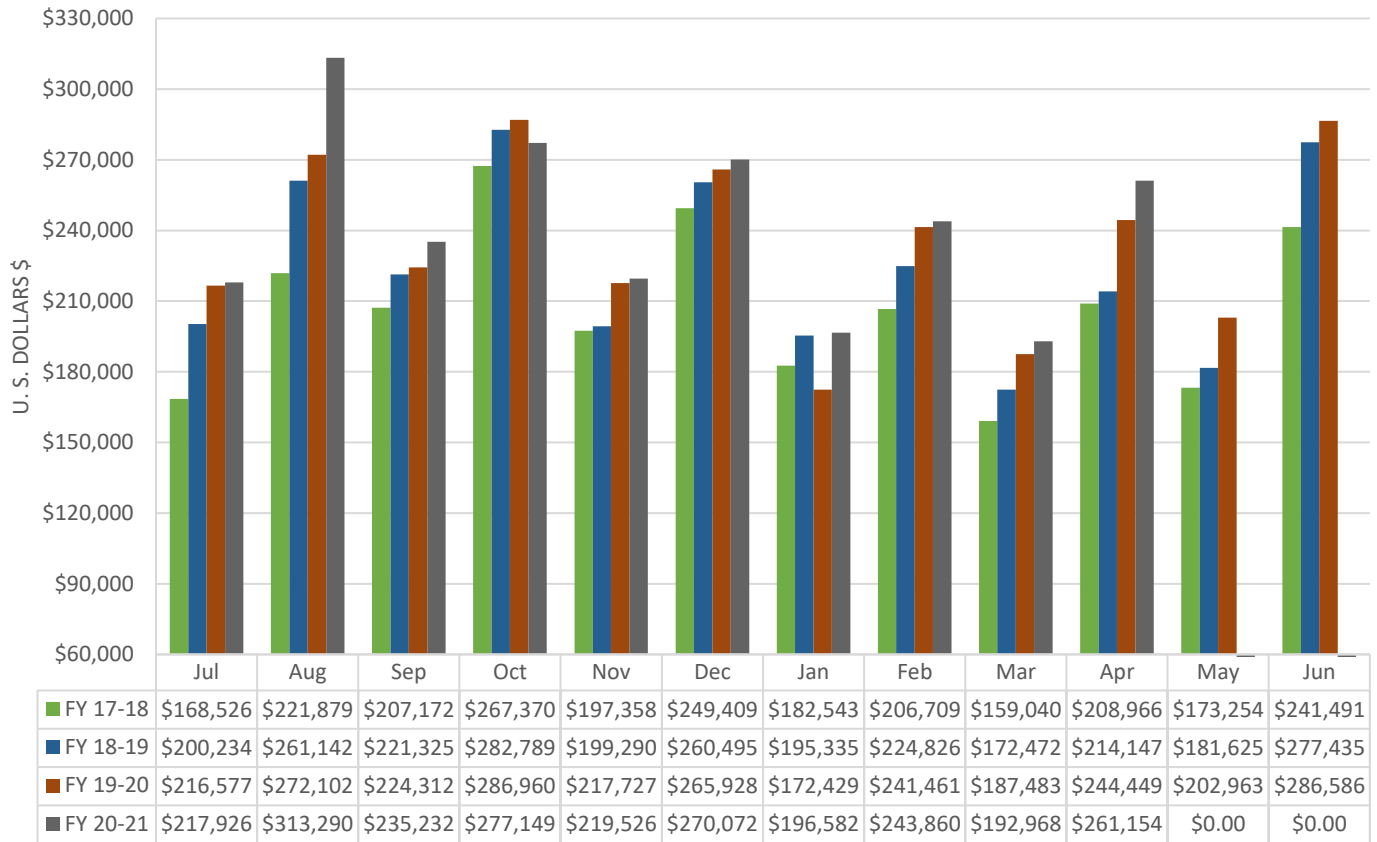
16th Street North Tank Issues

The water crew discovered a fairly significant crack in the water feed line on the north 16th Street tank. The crew made a temporary repair to the crack to the ductile iron pipe which will provide time until a permanent repair is made. Both the north and south tanks are scheduled for rehabilitation with the south tank scheduled for the upcoming fiscal year. Staff will need to reconsider the rehabilitation strategy given the condition of the fill line pipe. More information will be provided when available.

HISTORICAL TO PRESENT LOCS D WATER CONSUMPTION BASED ON BILLING



HISTORICAL TO PRESENT LOCSD WATER REVENUE BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WELL PRODUCTION DATA

