



April 1, 2021

**TO:** LOCSD Board of Directors

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

**SUBJECT:** **Agenda Item 5C - 04/01/2021 Board Meeting**  
Utilities Department Report for **February 2021**

**President**  
Christine M. Womack

**Vice President**  
Matthew D. Fourcroy

**Directors**  
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Marshall E. Ochylski

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**Battalion Chief**  
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**WATER PRODUCTION INFORMATION**

The total production for the month of **February 2021** was approximately **10.7 million gallons (MG)** this equates to an average daily demand of **358,400 gallons**. This represents approximately a **12% decrease** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **February 2021** our residential customers used **51.3** gallons per person per day, a decrease from 56.4 gallons per person per day in February 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 **February 2021**. Totals for last year are included for comparison:

<b>Production (MG) February</b>	<b>2021</b>	<b>2020</b>
Palisades	1.6606	2.9315
3rd St	2.5731	0.0000
8th Street/El Moro	2.9552	4.6847
10th St	0.0000	4.0403
South Bay (lower)	3.2065	0.0000
South Bay (upper)	0.3570	0.5677
<b>Total:</b>	<b>10.7524</b>	<b>12.2242</b>

<b>Runtime (Hours) February</b>	<b>2021</b>	<b>2020</b>
Palisades	79.9	142.0
3rd St	617.3	0.1
8th Street/El Moro	163.0	255.4
10th St	58.3	258.8
South Bay (lower)	555.1	0.0
South Bay (upper)	158.2	335.5
<b>Total:</b>	<b>1631.8</b>	<b>991.8</b>

**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		
Apr	12,867,844	\$244,449.45	Apr		
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 February 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
- 10<sup>th</sup> Street Well rehabilitation coordination and support

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

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
2020-2021	1.89	0.12	0.04	0.00	0.04	0.00	0.00	0.00	0.04	9.93	0.20		<b>12.26</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>
2016 - 2017	0.20	0.00	0.00	0.00	0.00	0.00	1.65	2.76	3.39	9.02	7.65	1.34	<b>26.01</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**

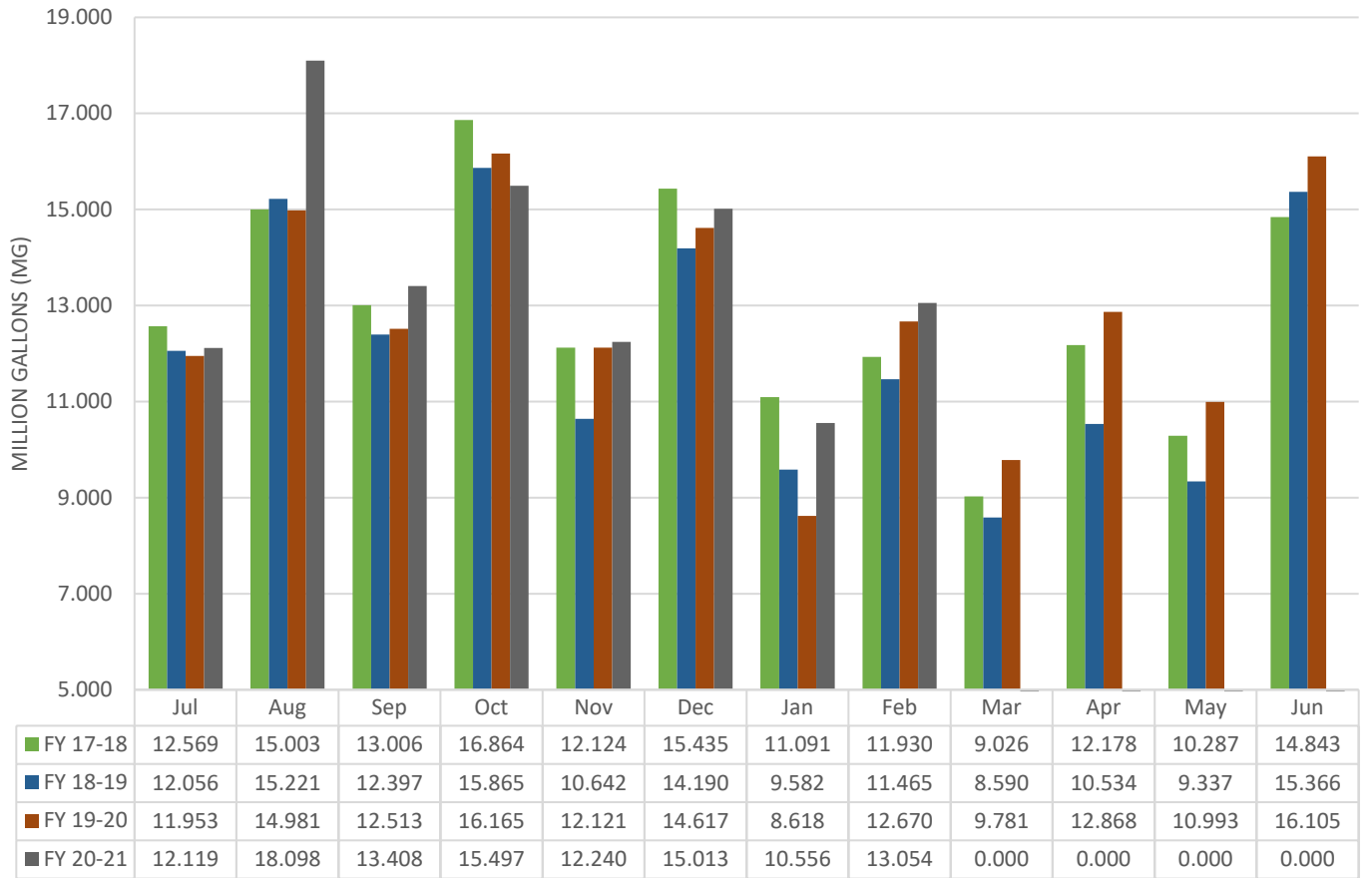
### **Program C Well**

SWCA, the District's environmental consultant, continues work on the project description, archeological and biological resource inventory environmental and the Mitigated Negative Declaration. It is anticipated this work will be completed by the end of March. Staff and SWCA had a meeting with the Northern Chumash Tribe representatives at the beginning of March regarding the well site and pipeline construction portion of work. The result of the consultation will be additional archeological monitoring requirements as the project proceeds. At the March 4<sup>th</sup> Board meeting, the Board approved a contract with Cleath-Harris Hydrogeologists to provide the well drilling specifications and construction bid documents, and construction monitoring and final design for the project.

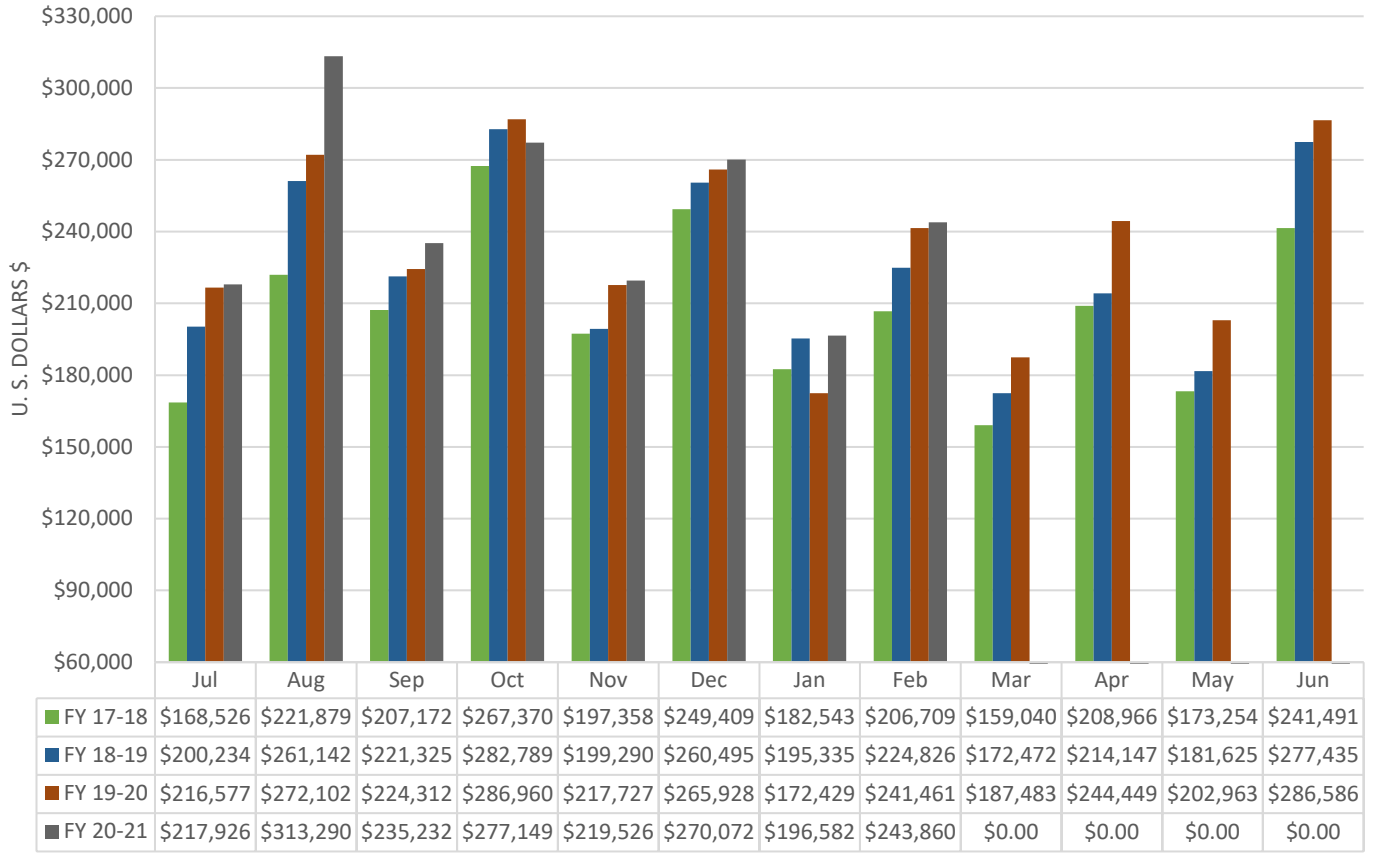
### **8<sup>th</sup> St. Upper Aquifer Well**

Briefly, 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 May 6<sup>th</sup> Board meeting.

## 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

