



May 6, 2021

TO: LOCSO Board of Directors

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

SUBJECT: **Agenda Item 7C - 05/06/2021 Board Meeting**
Utilities Department Report for **March 2021**

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WATER PRODUCTION INFORMATION

The total production for the month of **March 2021** was approximately **13.1 million gallons (MG)** this equates to an average daily demand of **435,500 gallons**. This represents approximately a **3.5% increase** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **March 2021** our residential customers used **62.4** gallons per person per day, an increase from 54.5 gallons per person per day in March 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 **March 2021**. Totals for last year are included for comparison:

Production (MG) March	2021	2020
Palisades	1.7139	3.2158
3rd St	2.8363	0.0000
8th Street/El Moro	2.9721	4.6360
10th St	1.6720	4.1977
South Bay (lower)	3.5558	0.0008
South Bay (upper)	0.3160	0.5700
Total:	13.0661	12.6203

Runtime (Hours) March	2021	2020
Palisades	82.7	155.9
3rd St	681.1	0.3
8th Street/El Moro	165.6	252.4
10th St	129.4	268.9
South Bay (lower)	733.2	0.0
South Bay (upper)	138.7	337.7
Total:	1930.7	1015.2

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		
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 March 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
- 10th Street Well 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 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
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
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	26.01

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

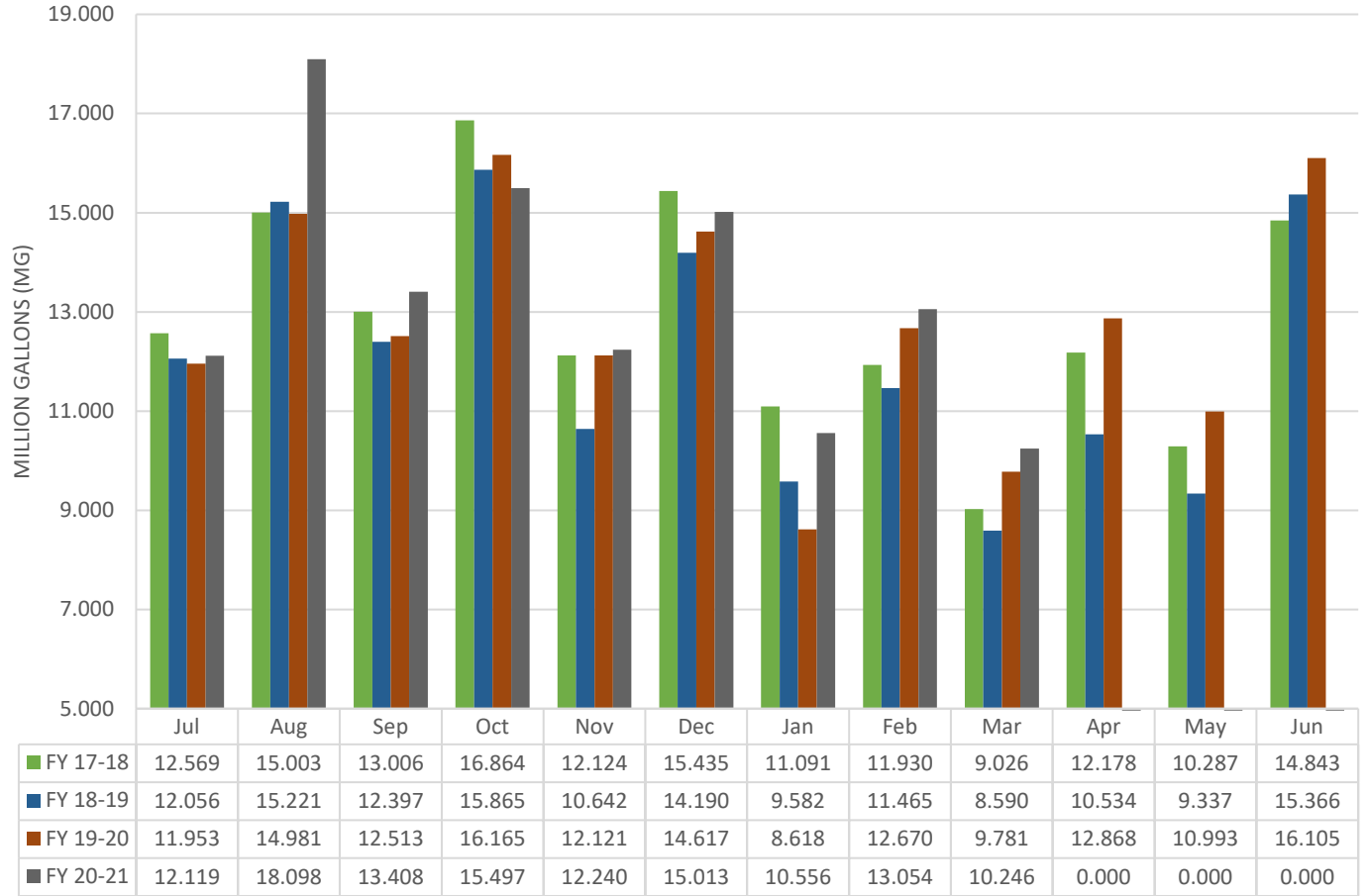
Program C Well

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 4th 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.

8th 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 6th Board meeting.

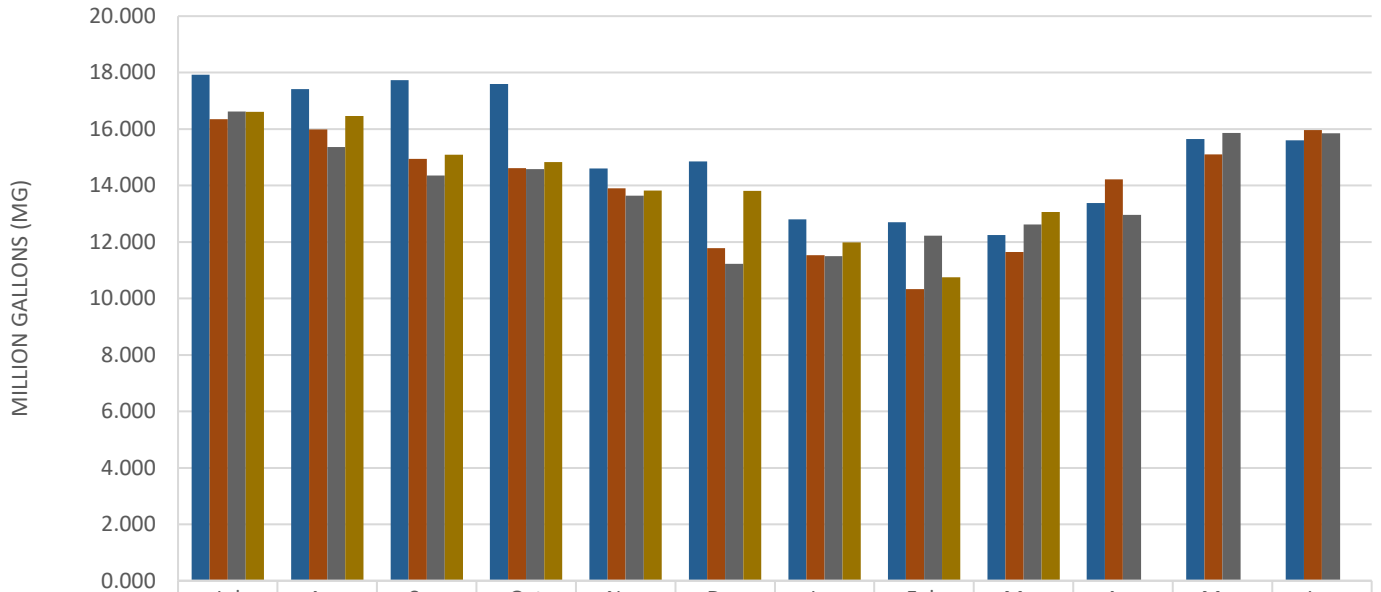
HISTORICAL TO PRESENT LOCS D WATER CONSUMPTION BASED ON BILLING



HISTORICAL TO PRESENT LOCSD WATER REVENUE BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WELL PRODUCTION DATA



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
■ FY2017-2018	17.920	17.414	17.728	17.601	14.608	14.856	12.802	12.698	12.244	13.380	15.644	15.605
■ FY2018-2019	16.346	15.988	14.944	14.615	13.903	11.782	11.530	10.330	11.641	14.214	15.101	15.964
■ FY2019-2020	16.618	15.364	14.354	14.581	13.638	11.229	11.494	12.224	12.620	12.964	15.861	15.846
■ FY2020-2021	16.610	16.460	15.097	14.830	13.823	13.808	11.988	10.752	13.066	0.000	0.000	0.000