



July 1, 2021

TO: LOCSD Board of Directors

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

SUBJECT: **Agenda Item 5C - 07/01/2021 Board Meeting**
Utilities Department Report for **May 2021**

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Vice President
Matthew D. Fourcroy

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WATER PRODUCTION INFORMATION

The total production for the month of **May 2021** was approximately **15.1 million gallons (MG)** this equates to an average daily demand of **504,100 gallons**. This represents a **4.65% decrease** in production when compare to last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **May 2021** our residential customers used **65.2** gallons per person per day, a decrease from 68.4 gallons per person per day in May 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 **May 2021**. Totals for last year are included for comparison:

Production (MG) May	2021	2020
Palisades	1.4107	3.6476
3rd St	2.7817	0.0000
8th Street/El Moro	3.0593	4.9955
10th St	3.3169	4.4715
South Bay (lower)	4.4444	2.1848
South Bay (upper)	0.1100	0.5610
Total:	15.1230	15.8605

Runtime (Hours) May	2021	2020
Palisades	68.3	177.9
3rd St	673.1	0.7
8th Street/El Moro	168.3	274.1
10th St	262.7	290.9
South Bay (lower)	736.1	734.2
South Bay (upper)	48.7	332.7
Total:	1957.2	1810.5

WATER BILLING INFORMATION

Billing Period	FY '19-'20			FY '20-'21		
	Month	Gallons	Revenue	Month	Gallons	Revenue
5/11 to 7/10	Jul	11,953,040	\$216,577.84	Jul	12,119,096	\$217,906.44
6/11 to 8/10	Aug	14,980,944	\$272,102.61	Aug	18,097,860	\$313,290.49
7/11 to 9/10	Sep	12,585,100	\$224,312.76	Sep	13,407,900	\$235,232.34
8/11 to 10/10	Oct	16,165,028	\$286,960.25	Oct	15,497,064	\$277,149.49
9/11 to 11/10	Nov	12,121,340	\$217,727.51	Nov	12,240,272	\$219,526.66
10/11 to 12/10	Dec	14,617,416	\$265,928.52	Dec	15,013,108	\$270,072.58
11/11 to 1/10	Jan	8,617,708	\$172,429.51	Jan	10,555,776	\$196,582.18
12/11 to 2/10	Feb	12,669,624	\$241,461.74	Feb	13,054,096	\$243,860.92
1/11 to 3/10	Mar	9,780,848	\$187,483.31	Mar	10,246,104	\$192,968.25
2/11 to 4/10	Apr	12,867,844	\$244,449.45	Apr	14,298,768	\$261,154.06
3/11 to 5/10	May	10,992,608	\$202,963.74	May	11,807,180	\$213,599.19
4/11 to 6/10	Jun	16,105,188	\$286,586.98	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											0.04
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

SWCA has completed the work on the project's Mitigated Negative Declaration. The public comment period closed on June 19, 2021 at 5:00pm. Once public comments are reviewed a report will be brought to the Board of Directors at the August meeting to consider the approval of the Initial Study and Mitigated Negative Declaration. 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.

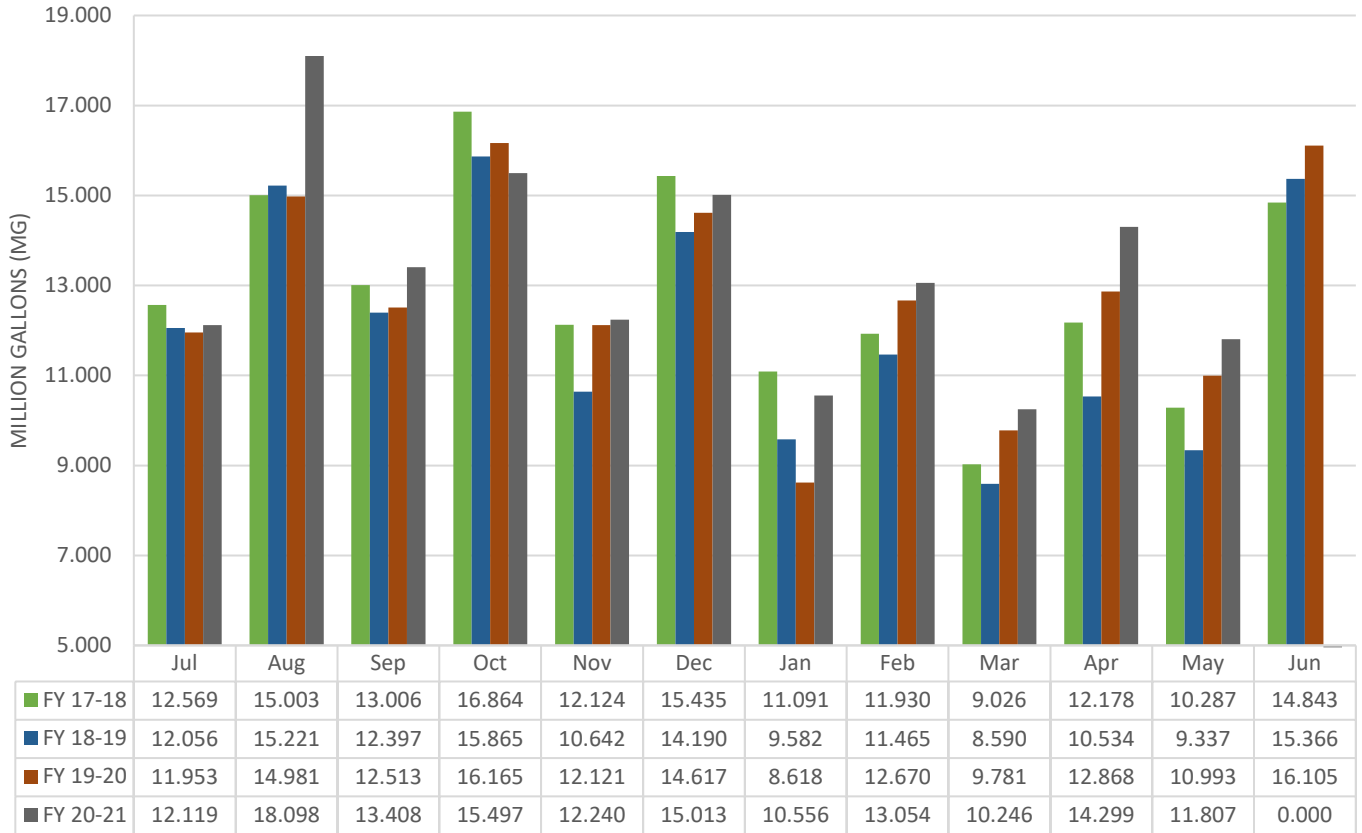
8th St. Upper Aquifer Well

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 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. A non-mandatory pre-bid meeting was well attended on June 17th at 10:00 am at the water yard. Bids will be accepted until July 13, 2021, at 3 pm.

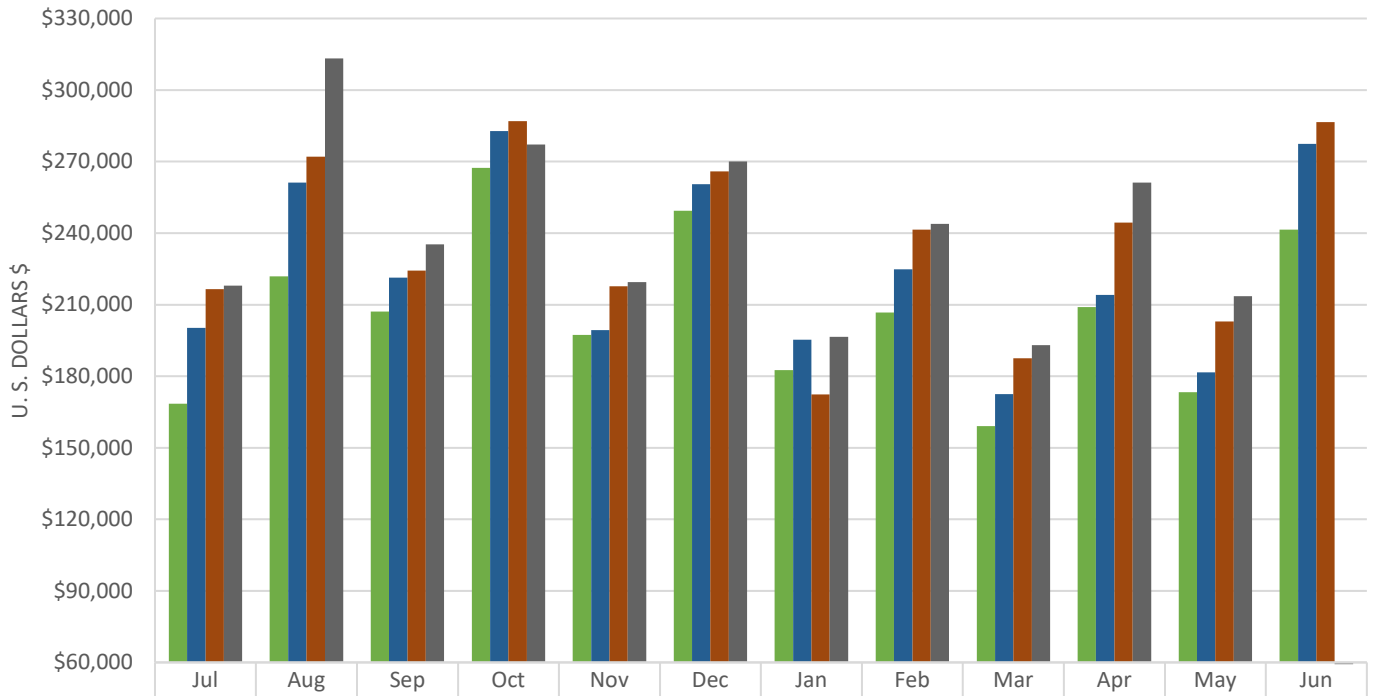
Generator Ports at Well Sites

Alpha Electrical Services is installing manual transfer switches and receptacles for portable generator hook up at two of our well sites. 3rd Street well and Palisades well sites will be available for emergency generator power in the event of any unanticipated power interruption. In the event of a community power outage, the District's main generator is used to power the 10th Street well site. The District currently has onsite generators at two of our other well sites as well as the booster pump station.

HISTORICAL TO PRESENT LOCS D WATER CONSUMPTION BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WATER REVENUE BASED ON BILLING



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
■ FY 17-18	\$168,526	\$221,879	\$207,172	\$267,370	\$197,358	\$249,409	\$182,543	\$206,709	\$159,040	\$208,966	\$173,254	\$241,491
■ FY 18-19	\$200,234	\$261,142	\$221,325	\$282,789	\$199,290	\$260,495	\$195,335	\$224,826	\$172,472	\$214,147	\$181,625	\$277,435
■ FY 19-20	\$216,577	\$272,102	\$224,312	\$286,960	\$217,727	\$265,928	\$172,429	\$241,461	\$187,483	\$244,449	\$202,963	\$286,586
■ FY 20-21	\$217,926	\$313,290	\$235,232	\$277,149	\$219,526	\$270,072	\$196,582	\$243,860	\$192,968	\$261,154	\$213,559	\$0.00

HISTORICAL TO PRESENT LOCS D WELL PRODUCTION DATA

