



January 20, 2021

TO: LOCSO Utilities Advisory Committee

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

**SUBJECT: Agenda Item 5 - 01/20/2021 UAC Meeting
Utilities Department Report for November & December 2020**

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WATER PRODUCTION INFORMATION

The total production for the month of **November 2020** was approximately **13.8 million gallons (MG)** this equates to an average daily demand of **460,800 gallons**. This represents approximately a **1.36% increase** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **November 2020** our residential customers used **61.6** gallons per person per day, an increase from 60.8 gallons per person per day in November 2019.

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 **November 2020**. Totals for last year are included for comparison:

Production (MG) November	2020	2019
Palisades	3.1362	2.9411
3rd St	1.4499	0.0000
8th Street/El Moro	5.2895	3.8817
10th St	0.0000	4.1660
South Bay (lower)	3.3688	2.0828
South Bay (upper)	0.5790	0.5662
Total:	13.8234	13.6378

Runtime (Hours) November	2020	2019
Palisades	152.5	143.3
3rd St	347.7	0.5
8th Street/El Moro	297.7	216.9
10th St	0	267.7
South Bay (lower)	682.0	697.3
South Bay (upper)	343.5	335.3
Total:	1823.4	1661.0

WATER PRODUCTION INFORMATION

The total production for the month of **December 2020** was approximately **13.8 million gallons (MG)** this equates to an average daily demand of **460,300 gallons**. This represents approximately a **22.9% increase** in production from last year.

Using the state’s formula to calculate residential usage per capita per day, for the month of **December 2020** our residential customers used **59.6** gallons per person per day, an increase from **48.5** gallons per person per day in December 2019.

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 **December 2020**. Totals for last year are included for comparison:

Production (MG) December	2020	2019
Palisades	2.4569	3.4303
3rd St	3.0336	0.0000
8th Street/El Moro	3.9628	2.6373
10th St	0.0000	2.4926
South Bay (lower)	3.9406	2.1073
South Bay (upper)	0.4136	0.5610
Total:	13.8077	11.2285

Runtime (Hours) December	2020	2019
Palisades	118.6	167.1
3rd St	725.3	0.4
8th Street/El Moro	219.9	135.3
10th St	0.0	157.2
South Bay (lower)	720.5	708.2
South Bay (upper)	247.1	332.7
Total:	2031.4	1500.9

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		
Feb	12,669,624	\$241,461.74	Feb		
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 months of November and December 2020, 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 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

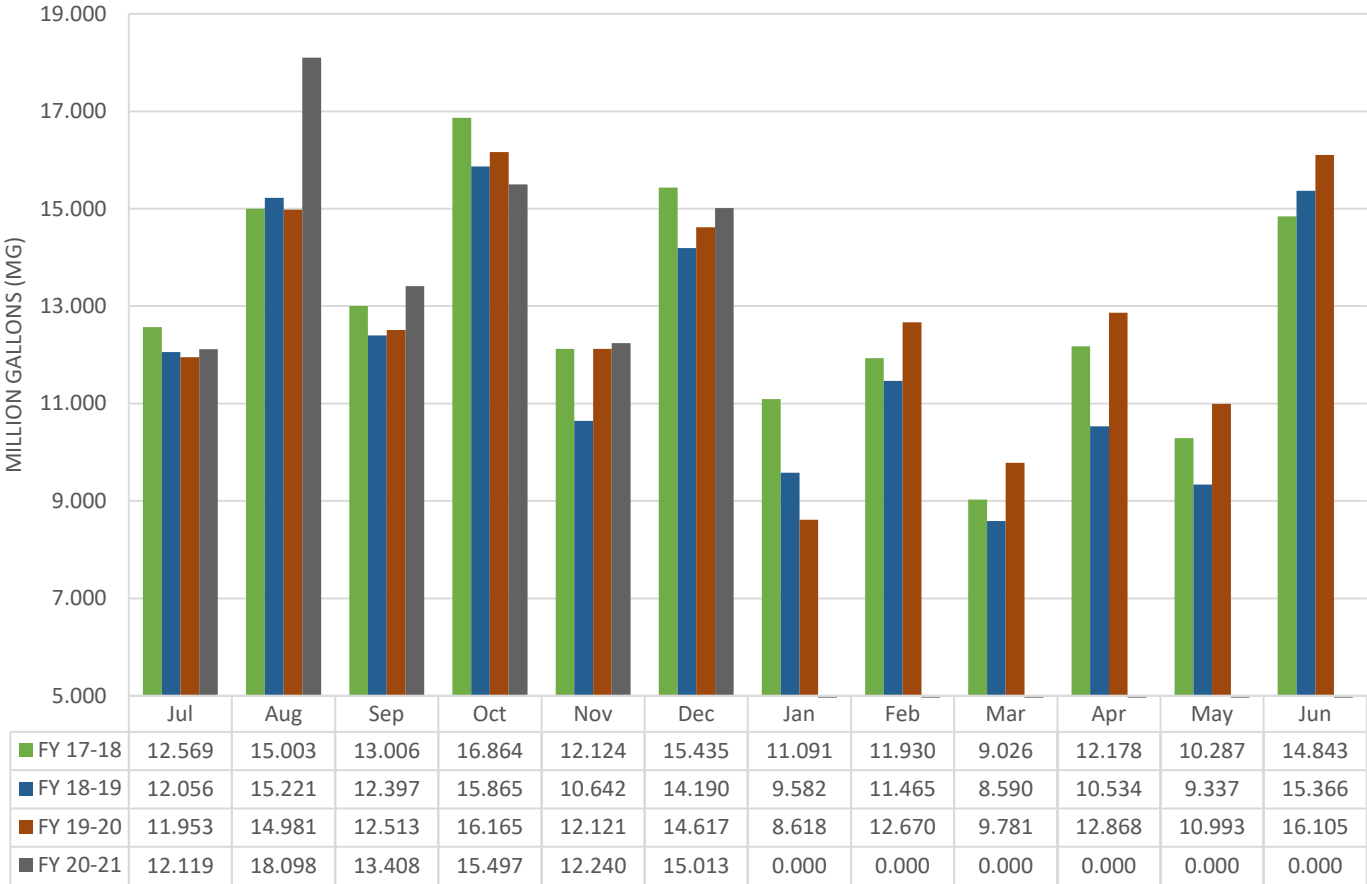
The County has a link to rain and reservoir information: <http://wr.slocountywater.org/home.php> below is a table of historical rainfall totals from the Los Osos Landfill rain monitor. This has been arranged to coincide with our Water Shortage Contingency Plan Climate Trigger which is based on rainfall measured from April 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	1.99				4.08
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

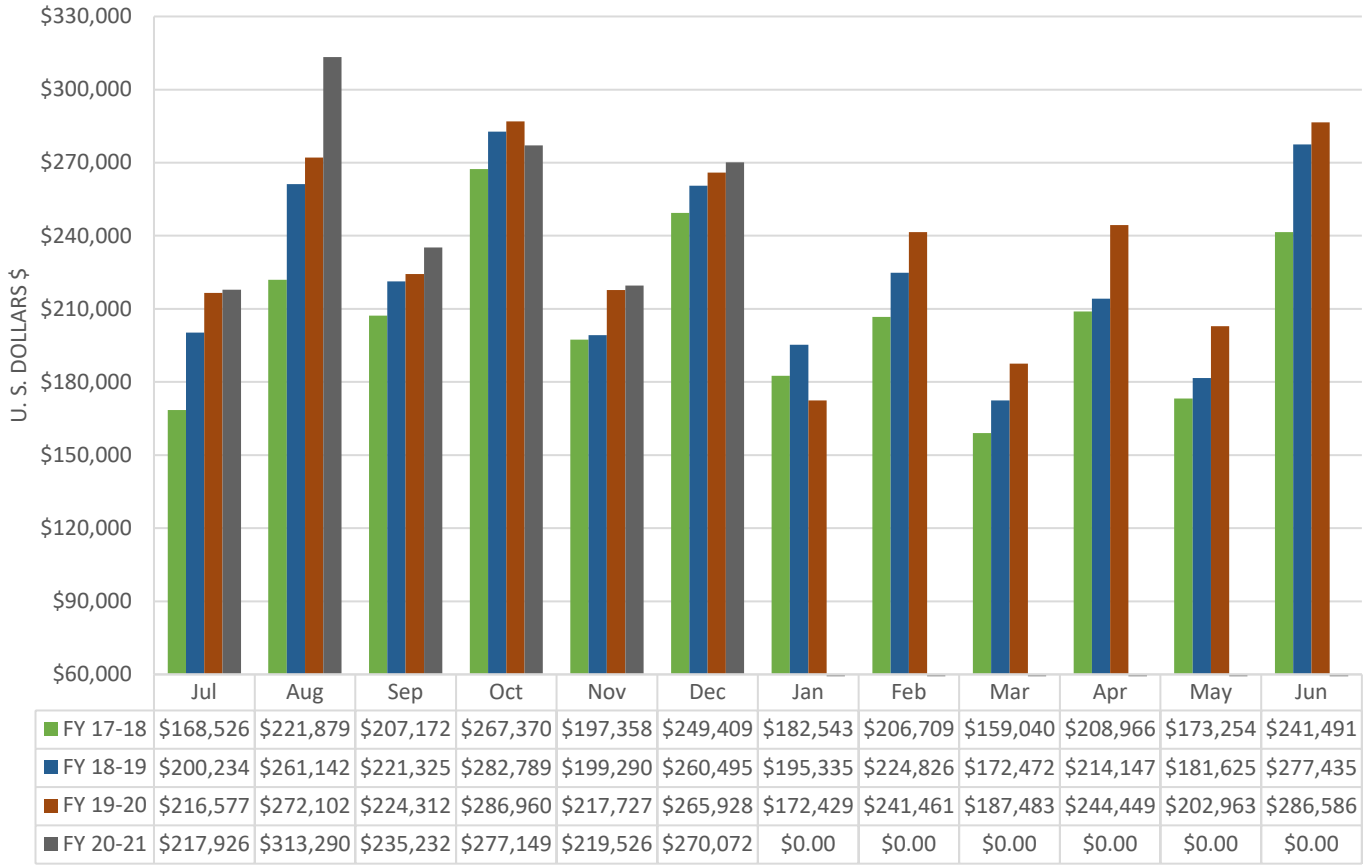
RECOMMENDATION

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.

HISTORICAL TO PRESENT LOCS D WATER CONSUMPTION BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WATER REVENUE BASED ON BILLING



HISTORICAL TO PRESENT LOCS D WELL PRODUCTION DATA

