



August 6, 2020

TO: LOCSD Board of Directors
FROM: Ron Munds, General Manager
 Alicia Zuniga, Utility Billing Specialist
SUBJECT: **Agenda Item 3C- 8/6/2020 Board Meeting**
 Utilities Department Report for June 2020

President
 Charles L. Cesena

Vice President
 Christine M. Womack

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 Vicki L. Milledge
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WATER PRODUCTION INFORMATION

The total production for the month of **June 2020** was approximately **15.8 million gallons (MG)** this equates to an average daily demand of **528,190** gallons. This represents a approximately a **1% decrease** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **June 2020** our residential customers used 71.8 gallons per person per day, an increase from 69.6 gallons per person per day in June 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 **June 2020**. Totals for last year are included for comparison:

Production (MG) June	2020	2019	% Change
Palisades	4.70	4.63	1.49
3 rd Street/Bayside	0	0	0
8 th Street/EI Moro	6.00	5.67	5.50
10 th Street	2.33	5.65	-142.49
South Bay (lower)	2.10	0.02	99.05
South Bay (upper)	0.70	0.00	100
TOTAL:	15.86	15.10	

Runtime (Hours) June	2020	2019
Palisades	232.6	226.8
3 rd Street/Bayside	0.3	0
8 th Street/EI Moro	334.4	280.2
10 th Street	154.2	333.9
South Bay (lower)	707.4	43.6
South Bay (upper)	417.2	4.4
TOTAL:	1846.1	888.9

WATER BILLING INFORMATION

Forty-three percent of the service area received bills for approximately **16.10 MG** consumption for the period of April 11, 2020 through June 10, 2020. This generated approximately **\$286,586.98** in revenue.

UTILITIES DEPARTMENT OPERATIONS AND MAINTENANCE

During the month of May 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.

DRAINAGE WDID # 3 40M2000133

The District continue 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-e293b4b>

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										2.05		
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		
2015 - 2016	0.67	0.12	0.00	1.93	0.00	0.08	0.08	1.26	1.85	5.04	0.86	4.85	16.74		
2014 - 2015	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.28	5.20	0.08	0.91	0.43	7.61		
2013 - 2014	0.31	0.12	0.04	0.00	0.00	0.00	0.24	0.28	0.12	0.00	4.06	1.42	6.59		
2012 - 2013	2.24	0.00	0.00	0.00	0.00	0.00	1.18	1.69	2.64	1.02	0.67	0.43	9.87		

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.

Attachments

LOCSD Water Data

Water Production Data in Million Gallons				
	FY 16-17	FY 17-18	FY 18-19	FY 19-20
Jul	16.640	17.920	16.346	16.618
Aug	16.475	17.414	15.988	15.364
Sep	16.233	17.728	14.944	14.354
Oct	14.624	17.601	14.615	14.581
Nov	13.921	14.608	13.903	13.638
Dec	12.974	14.856	11.782	11.229
Jan	12.247	12.802	11.530	11.494
Feb	10.879	12.698	10.330	12.224
Mar	13.722	12.244	11.641	12.620
Apr	14.551	13.380	14.214	12.964
May	16.329	15.644	15.101	15.861
Jun	17.257	15.605	15.964	15.846
TOTAL	175.852	182.500	166.357	166.793

Consumption is billed for a two month period every month.
 Revenue is based on gallons billed - not cash received.
 Production is recorded daily.

LOCSD Water Data

Water Consumption Data in Million Gallons						
% of Service Area	Billing Period		FY 16-17	FY 17-18	FY 18-19	FY 19-20
43	5/11 to 7/10	Jul	11.849	12.569	12.056	11.953
57	6/11 to 8/10	Aug	15.953	15.003	15.221	14.981
43	7/11 to 9/10	Sep	12.827	13.006	12.397	12.513
57	8/11 to 10/10	Oct	15.492	16.864	15.865	16.165
43	9/11 to 11/10	Nov	10.349	12.124	10.642	12.121
57	10/11 to 12/10	Dec	12.910	15.435	14.190	14.617
43	11/11 to 1/10	Jan	9.265	11.091	9.582	8.618
57	12/11 to 2/10	Feb	10.367	11.930	11.465	12.670
43	1/11 to 3/10	Mar	7.953	9.026	8.590	9.781
57	2/11 to 4/10	Apr	12.179	12.178	10.534	12.868
43	3/11 to 5/10	May	10.139	10.287	9.337	10.993
57	4/11 to 6/10	Jun	15.121	14.843	15.366	16.105
TOTAL			144.405	154.356	145.245	153.384

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LOCS D Water Data

Water Revenue Data						
% of Service Area	Billing Period		FY 16-17	FY 17-18	FY 18-19	FY 19-20
43	5/11 to 7/10	Jul	\$139,017.75	\$168,526.79	\$200,234.85	\$216,577.84
57	6/11 to 8/10	Aug	\$197,721.40	\$221,879.21	\$261,142.75	\$272,102.61
43	7/11 to 9/10	Sep	\$163,852.81	\$207,172.18	\$221,325.52	\$224,312.76
57	8/11 to 10/10	Oct	\$198,170.30	\$267,370.81	\$282,789.11	\$286,960.25
43	9/11 to 11/10	Nov	\$138,130.97	\$197,358.26	\$199,290.08	\$217,727.51
57	10/11 to 12/10	Dec	\$171,281.05	\$249,409.17	\$260,495.65	\$265,928.52
43	11/11 to 1/10	Jan	\$128,300.48	\$182,543.66	\$195,335.09	\$172,429.51
57	12/11 to 2/10	Feb	\$149,015.80	\$206,709.09	\$224,826.24	\$241,461.74
43	1/11 to 3/10	Mar	\$116,824.26	\$159,040.50	\$172,472.09	\$187,483.31
57	2/11 to 4/10	Apr	\$165,317.00	\$208,966.41	\$214,147.00	\$244,449.45
43	3/11 to 5/10	May	\$135,978.00	\$173,254.24	\$181,625.82	\$202,963.74
57	4/11 to 6/10	Jun	\$193,625.41	\$241,491.17	\$277,435.92	\$286,586.98
		TOTAL	\$1,897,235.23	\$2,483,721.49	\$2,691,120.12	\$2,818,984.22

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August 6, 2020

TO: Board of Directors

FROM: Ron Munds, General Manager

SUBJECT: Agenda Item 3C – 08/06/2020 UAC Meeting
Utilities Department Update.

Utility Department Updates

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1. 8th Street Water Yard Building

Building construction is in progress with an estimated completion at the beginning of August

2. Lead and Copper Sampling

The District completed the Lead and Copper sampling of the residences, 21, in the month of July. Staff is waiting for sampling results from the lab before compiling the final results for the state.

3. Consumer Confidence Report Complete

The CCR has been completed and distributed.

4. The Invitation to Bid for 10th Street Exterior Coating Project (estimated project cost \$81,400)

The Board approved the Invitation to Bid package at their July 2nd meeting. Bid package was posted on July 3rd with a submittal deadline of July 29th. It appears the bids were at or below the estimated project costs. Award of the contract in August with an estimated completion date of September 2020.

5. The Invitation to Bid for South Bay Well Transmission Main Project (estimated cost \$447,350)

The Board approved the Invitation to Bid package at their July 2nd meeting. Bid package was posted on July 3rd with a submittal deadline of July 29th. It appears the bids were at or below the estimated project costs. Award of the contract in August with an estimated completion date of November 2020.

6. Program C Well Update

The District entered into an agreement with SWCA to perform an environmental constraints analysis of the five potential Program C well sites. Work is in progress with an estimated completion date in late August. The contract amount for this phase of the project is \$24,106.

7. SCADA Project Update

Phase 1 on the project is underway. The District has contracted AECOM to complete the radio signal study to determine the requirements for data transmission and communication. This information will be used to complete the design and bid package for the project. Phase 2 will be for the actual design and construction of the system. The contract amount for this phase of the project is \$30,360. The estimated cost for the entire project is \$400,000.

8. Equipment Purchases Approved in FY 2020-21 Budget

Replacement of Utility Truck Unit B. Staff purchased a ¾ ton utility truck in July. Estimated cost was \$50,000, purchase price was approximately \$43,000.