



November 5, 2020

TO: LOCSD Board of Directors

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

SUBJECT: **Agenda Item 4C- 11/5/2020 Board Meeting**
Utilities Department Report for September 2020

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WATER PRODUCTION INFORMATION

The total production for the month of **September 2020** was approximately **15.10 million gallons (MG)** this equates to an average daily demand of **503,200 gallons**. This represents approximately a **3.81% increase** in production from last year.

Using the state's formula to calculate residential usage per capita per day, for the month of September **2020** our residential customers used 59.8 gallons per person per day, a decrease from 64.9 gallons per person per day in September 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 **September 2020**. Totals for last year are included for comparison:

Production (MG) September	2020	2019
Palisades	5.3171	2.1600
3rd St	0.0000	0.0000
8th Street/El Moro	7.3236	5.1600
10th St	0.0000	4.9900
South Bay (lower)	2.0228	2.1200
South Bay (upper)	0.4338	0.1100
Total:	15.0973	14.5400

Runtime (Hours) September	2020	2019
Palisades	259.0	105.1
3rd St	0.0	0.4
8th Street/El Moro	411.6	288.2
10th St	0.0	319.5
South Bay (lower)	654.9	708.0
South Bay (upper)	257.5	70.6
Total:	1583.0	1491.8

WATER BILLING INFORMATION

Forty-three percent of the service area received bills for approximately **13.41 MG** consumption for the period of July 10, 2020 through September 10, 2020. This generated approximately **\$235,232.34** in revenue.

UTILITIES DEPARTMENT OPERATIONS AND MAINTENANCE

During the month of September 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							2.09			
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.

Utility Department Updates

1. 8th Street Water Yard Building

Construction of the building is completed. Staff is working through issues on the fire alarm system.

2. 10th Street Exterior Coating Project

The project commenced as of September 22nd; the project was completed on October 3rd.

3. South Bay Well Transmission Main Project

This project is nearing completion. The pipeline has been laid and paving has been completed. It will be placed into service shortly.

4. SCADA Project Update

The Phase I Radio Survey has been completed. The report was received on October 12, 2020 and reviewed and submitted comments to the consultant. Next steps would be to begin the design, develop the scope of work and finalize the bid documents.

5. 10th Street Well Issues

The 10th Street well has been out of service since June 15th. Staff received a negative bacterial result on October 14th. There were problems getting the well back in service. Spencer Harris recommended we keep it out of service until the lining project is completed. The lining project will begin within the next two weeks dependent upon delivery of materials.

6. 3rd Street Well

The 3rd street well has been out of service since 2015. At that time there was a state regulation for maximum contaminant level (MCL) for Chromium 6 of 10 parts per billion ($\mu\text{g/L}$). In September 2017 the state repealed the MCL. Recent Chromium 6 sampling at the well site produced a 3.7 $\mu\text{g/L}$ result. Staff conferred with staff from the State Drinking Water Division on the process required to get this well back into service. Labs have come back and this well will be put back into service.