



October 1, 2020

TO: LOCSO Board of Directors

FROM: Ron Munds, General Manager
Alicia Zuniga, Utility Billing Specialist

SUBJECT: **Agenda Item 7C- 10/1/2020 Board Meeting**
Utilities Department Report for August 2020

President
Charles L. Cesena

Vice President
Christine M. Womack

Directors
Matthew D. Fourcroy
Vicki L. Milledge
Marshall E. Ochylski

General Manager
Ron Munds

District Accountant
Robert Stilts, CPA

Unit Chief
Scott M. Jalbert

Battalion Chief
Paul Provence

Mailing Address:
P.O. Box 6064
Los Osos, CA 93412

Offices:
2122 9th Street, Suite 110
Los Osos, CA 93402

Phone: 805/528-9370
FAX: 805/528-9377

www.losososcsd.org

WATER PRODUCTION INFORMATION

The total production for the month of **August 2020** was approximately **16.46 million gallons (MG)**. This equates to an average daily demand of **548,797 gallons**. This represents approximately a **7.2% increase** in production from last year.

Using the State's formula to calculate residential usage per capita per day, for the month of **August 2020**, our residential customers used 71.1 gallons per person per day, an increase from 66.3 gallons per person per day in August 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 **August 2020**. Totals for last year are included for comparison:

Production (MG) August	2020	2019
Palisades	5.54	3.68
3 rd Street/Bayside	0.00	0.00
8 th Street/El Moro	8.21	5.02
10 th Street	0.00	4.53
South Bay (lower)	2.19	2.13
South Bay (upper)	0.53	0.00
TOTAL:	16.46	15.36

Runtime (Hours) August	2020	2019
Palisades	275.7	178.6
3 rd Street/Bayside	0.2	0.1
8 th Street/El Moro	463.2	283.4
10 th Street	0.0	289.3
South Bay (lower)	736.2	713.4
South Bay (upper)	313.4	0
TOTAL:	1,788.7	1,464.8

WATER BILLING INFORMATION

Fifty-seven percent of the service area received bills for approximately **18.10 MG** consumption for the period of June 10, 2020 through August 11, 2020. This generated **\$313,290.49** in revenue. Note: this is a significant increase in consumption for this route from August 2019, approximately 17%. Staff is attributing the increase to the minor heat wave experienced during this cycle and the turf rehabilitation project at Los Osos Middle School.

UTILITIES DEPARTMENT OPERATIONS AND MAINTENANCE

During the month of August 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 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.losososcsd.org/drainage>

RAINFALL TOTALS

The County has a link to rain and reservoir information: <http://wr.slocountywater.org/> 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								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 with the General Contractor to finish some of the final details of the project before issuing the notice of completion and scheduling the final inspection.

2. Lead and Copper Sampling

As previously reported, the District completed the Lead and Copper sampling of the 21 residences, in the month of July. Staff submitted the final results to the State and mailed letters to the participants thanking them for their participation.

3. 10th Street Exterior Coating Project

The project has commenced as of September 22nd; the project should be complete by October 9th.

4. South Bay Well Transmission Main Project

The initial phase of the project started on September 8th with verifying existing underground utilities. The actual laying of the pipeline started on September 21st. Completion date for this project is October 15th. There will be some traffic delays during the project so avoid the area between 10th Street and South Bay Boulevard if possible.

5. Program C Well Update

Staff received the draft Environmental Constraints Analysis from SWCA on September 17th. Staff will be reviewing the results and conferring with Cleath-Harris and the Wallace Group to formulate a recommendation for the siting of the well. It is anticipated that the report will come to the UAC at the October 21st meeting and then move on to the Board at their November 5th meeting.

6. SCADA Project Update

The Phase I Radio Survey has been completed. The report is being prepared and staff should receive it in the next week. Next steps would be to begin the design, develop the scope of work and finalize the bid documents.

7. Equipment Purchases Approved in FY 2020-21 Budget

Replacement of the Vacuum Trailer. Estimated cost was approximately \$50,000; The Board approved the purchase of the actual cost of approximately \$63,000 for the new vacuum trailer at the August 6th Board Meeting. The new trailer was delivered and put into service on September 16th, 2020.

8. 10th Street Well Issues

The 10th Street well has been out of service since June 15th. Since then staff, along with Cleath-Harris and Filipponi and Thompson Drilling, have been working on repairs to the well to get it back into service. Because of the age of the well, initially drilled in 1962, it was determined that the perforations that allow water to flow into the well and be pumped to the surface were corroded and clogged. When attempting to clean the lower part of the casing, the pipe had deteriorated so much it created a hole which allowed sand and debris to enter into approximately the bottom 80 feet of the well. An effort was made to remove the debris which recovered about 20 feet of the bottom. Some unexpected delays on getting the well back in service have occurred so there is no set date as to when it will return to service. Staff is currently reviewing options to do a full rehabilitation of the well once the higher water demand season has passed.

9. GSWC/LOCSD Water Inter-tie Operation

In 2017, the District and Golden State Water Company completed an inter-tie between the two water systems. Since construction of the facility, the valves have never been operated. It was mutually agreed by GSWC and the District to do a test of the inter-tie which took place on September 30th.