



Utility Commission

Division Update – Water

Date: April 13th, 2026

TO: City of Lompoc Utility Commission

FROM: Shaun Ryan, Water Utility Manager
S_ryan@ci.lompoc.ca.us

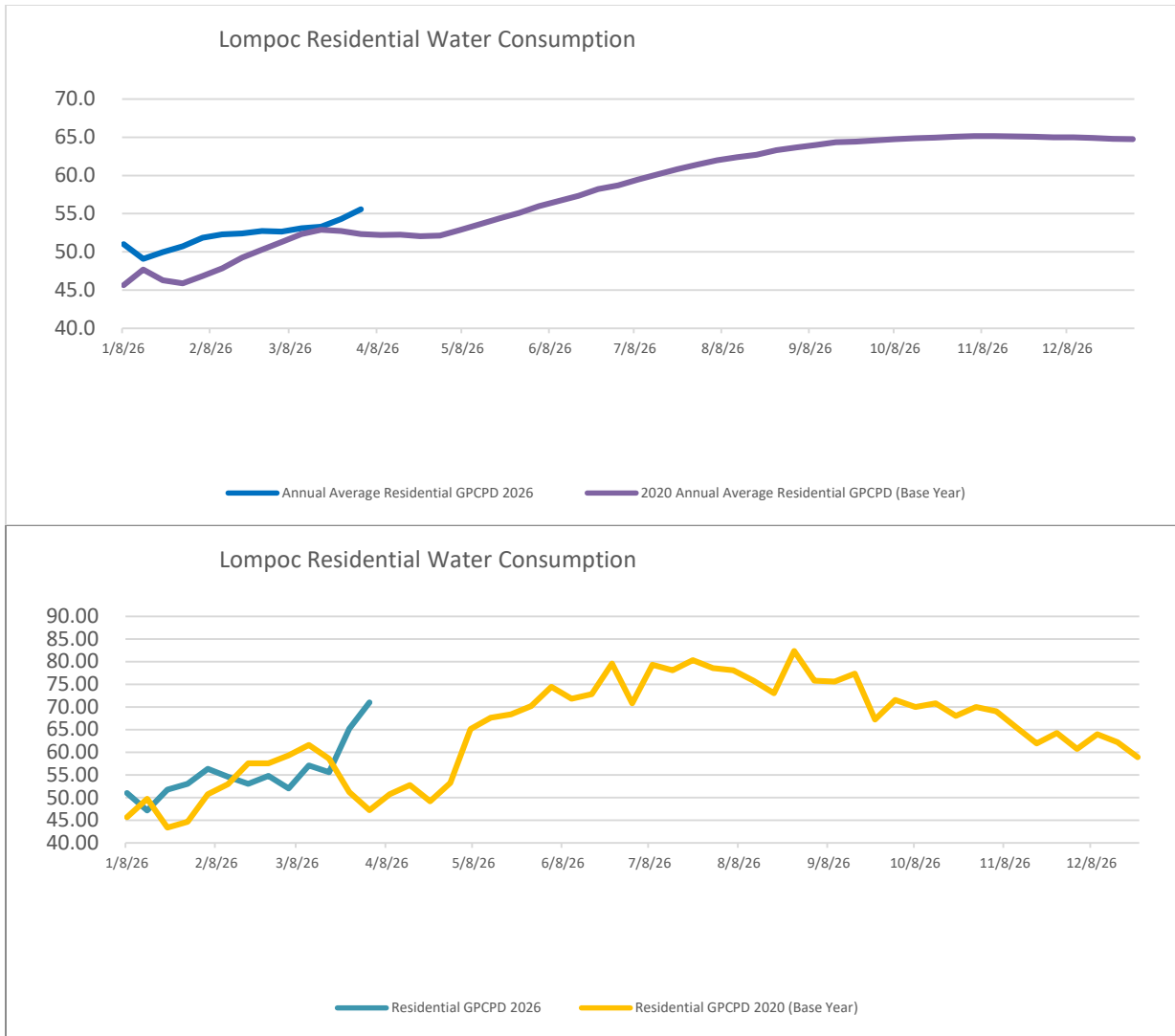
CC: Mike Luther, Utility Director

SUBJECT: Water Division April Commission Update

In the last month, the Water Division produced 90.6 million gallons of treated drinking water or 3.2 million gallons per day (MGD) and released to the 40,538 residents of the City of Lompoc at 79.8 gallons per capita per day (GPCPD). Residential water usage is approximately 72% of the total metered production. Therefore, the residential GPCPD (RGPCPD) is 57.5 which is 4.9% above the RGPCPD compared to the month of March 2025.

Below are the graphs of the weekly RGPCPD for 2025, and for 2020 (base year): and RGPCPD annual average for 2025 and 2020(base year)

The 2025 year-to-date annual average usage of 54.3 RGPCPD is approximately 3.0% above the annual average RCPCPD in 2020.



In addition to water production and consumption information, the following significant activities occurred in the Water Division this week.

- 96 water bacteriological samples were taken to ensure the absence of E. coli bacteria and that proper chlorine residuals were present throughout the distribution system. All results were nominal.
- Flocculation Basin #2 chain break.
- Completed pre-construction meeting with contractor for the Influent and Effluent master meter installation at the WTP.
- Well #3 motor failure. While pulling the motor it was noticed the top shaft had damaged threads. Top section of shaft was replaced, and the motor is being rebuilt.
- Slide gate for the Vac-U-Max system was worn through, replacement on order.
- Sample results have come back for the groundwater wells under the UCMR requirements for PFOS/PFAS constituents. All wells sampled have reported non-detect except for PFHxS for Well #5 at 5.7 ng/L, the notification level is 3 ng/L, response level 20 ng/L. This is a reduction from 6.3 ng/L from the original test completed 11/25/25.

- Booster pump VFD #3 and effluent valve has been installed; maintenance staff are awaiting the delivery of the new booster pump before it can be tested and placed back in service.
- Planned shutdown conducted at the WTP to allow installation of the new effluent meter. Shutdown was approximately 30 hours, chlorination, flushing, and bacteriological sampling all completed successfully before the WTP was placed back in service.
- Well #3 motor replaced and back in service.
- During the shutdown leak by was noticed on effluent valve for filter #6, replacement parts on order.
- Planned shutdown conducted at the WTP to allow installation of the new influent meter and effluent isolation valve. Shutdown was approximately 30 hours. Chlorination, flushing, and bacteriological sampling all completed successfully before the WTP was placed back in service.
- Filter #4 effluent valve replaced.
- Reviewed and approved RFP packet from purchasing for competitive bid of the WTP lime slaking system.

Raw Water Production Summary

These numbers are dependent on which wells are currently available as well as VFD restrictions based on current aquifer levels and dissolved oxygen content.

WELL#	GPM	NOTES
1	261	Well shaft needs to be pulled and realigned with new packing gland.
2	0	Decommissioned as a production well in 2023, monitoring well only.
3	940	
4	510	New VFD not integrated yet to allow speed adjustments
5	1460	
6	93	
7	226	
8	0	Loss of flow due to mineralization in the casing screens and surrounding gravel pack, next well up for physical/chemical rehabilitation this FY.
9	1023	
11	2377	
TOTAL	GPM	MGD
	6890	9.9216