

STAFF REPORT

Consent Agenda Item

DATE: August 17, 2026

TO: Honorable Mayor and Council Members

FROM: Brian Issa, Public Works Director

THROUGH: Amy Nilsen, City Manager

SUBJECT: Public Works/Engineering Department Monthly Report

RECOMMENDED COUNCIL ACTION

Receive report as an informational item.

EXECUTIVE SUMMARY:

The Public Works Director and engineering staff engaged in the following activities during the month of July.

- Continued coordination with Jacobs on the NPDES Compliance Project, including design development, regulatory strategy, SCADA integration, and project management.
- Initiated the annual valve replacement project to replace more than 25 water valves
- Coordinated for the return of Brendan in the role of CDD/City Engineer
- Selected a consultant for the water master plan and began developing their work program
- Continued Well 5 development which will require additional pumping and testing before moving forward due to residual iron and manganese in the previous round of tests
- Event coordination
- Attended meetings on the Fortuna Community Forest Plan
- Director completed his annual self evaluation
- Coordinated transportation and roadway projects, including Kenmar Interchange design and approval work with GHD and Caltrans, corridor planning, ADA improvements, and paving program development.
- Participated in Mill District development coordination, including review of infrastructure needs, site access, and developer-related improvements.
- Received \$922K grant from the Coastal Conservancy for PA&ED for the Great Redwood Trail from Highway 36 to Fernbridge. Began initial steps to receive those funds and start work including selecting a consultant and passing a resolution accepting funds.
- Coordinated with Vero Fiber on their rollout and our infrastructure concerns.
- Continued SB 1383 regional coordination and solid waste compliance work.

Utilities Division – Utilities Superintendent

Water Distribution System

- The utilities crew read meters, changed out 10 dead meters, and completed the meter worksheet.

- The utilities crew upgraded 131 single port radios, and 5 dual port radios.
- The utilities crew installed two new 1” water services this month.
- On-call personnel responded to 10 after-hours callouts.
- The utilities crew completed 14 shutoffs for nonpayment.
- There were six water leaks repaired this month; the following table displays the details:

Date	Location	Main or Service	Size and Pipe Material	Estimated Leak Rate (Gallons per Minute)	Total Estimate Leak Volume (Gallons)
7/2/26	Shady Lane	Service	1” CTS	2	60,480
7/9/26	Vancil St	Main	8” AC	75	54,000
7/10/26	Loop Road at Hilltop	Main	Fire Hydrant Hit	1500	90,000
7/11/26	Fortuna Blvd	Main	2” Blow Off	50	24,000
7/15/26	Newell Dr	Main	2” CI	10	72,000
7/16/26	Main at Harlan	Service	1” “thin” PE	100	6,000
TOTAL:					306,480

Table 1. Water leaks in July 2026

Sewer Collection System

- There were zero Sanitary Sewer Overflows (SSOs).
- The utilities crew cleaned approximately 5,700ft of sewer lines.
- On-call personnel responded to 2 sewer-related callouts.

Service Calls Summary

- Underground Service Alert (USA):
 - The utilities crew marked 33 USAs; Zero were miss-marked.
- A total of 98 service calls were completed. Figure 1 shows the breakdown by type.

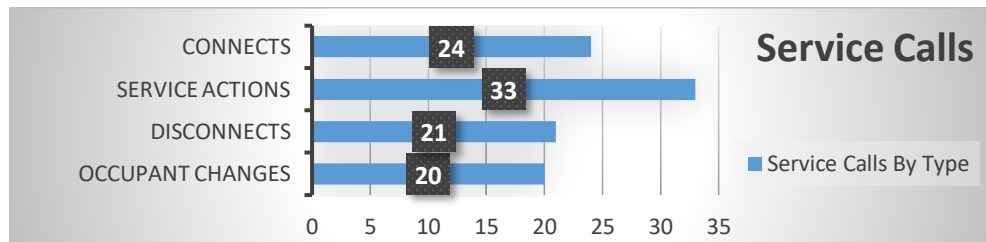


Figure 1: Service call breakdown

Projects & Miscellaneous Tasks

- The Utilities division continues to add to our GIS database, focusing on water meter and radio transmitter inventory to better assist our radio upgrade CIP. We now have more than 60% of all water meters added.
- The utilities crew has been assisting Wendt Construction with the valve replacement project, the crew has been handling the noticing, shutoff of valves, refilling and flushing of lines, and taking water samples.

Water Treatment/Wastewater Division – Chief Plant Operator

Table 2. July wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

Year	2022	2023	2024	2025	2026
Total Monthly Flow, MG	27.430	26.070	21.740	20.890	26.150
Maximum Daily Flow, MGD	1.030	0.960	0.800	0.780	0.960
Average Monthly Flow, MGD	0.885	0.841	0.701	0.674	0.844

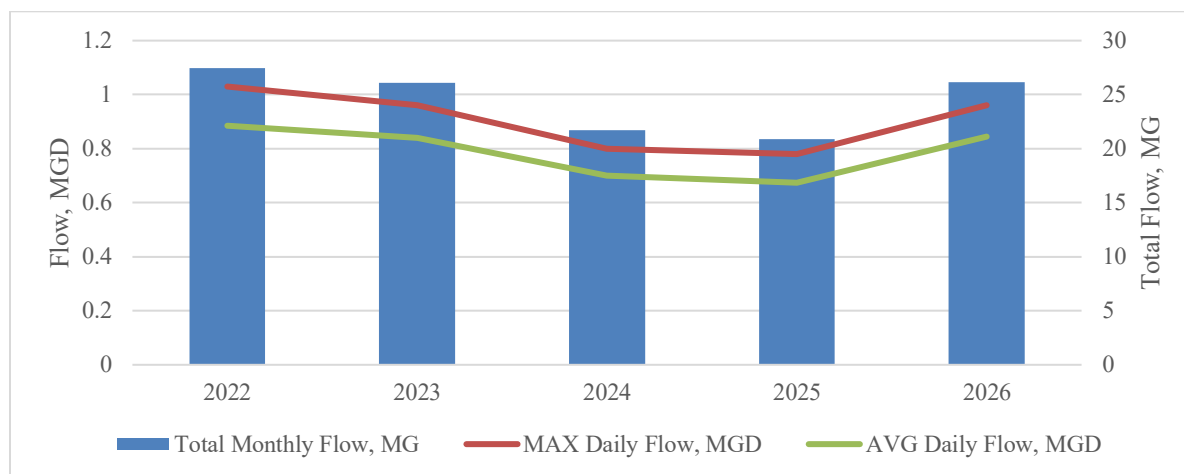


Figure 2. July wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

Wastewater Events & Maintenance Tasks Completed:

- Staff with major help from general services cleaned and scraped both overflow ponds.
- Staff completed and submitted the SWRCB 2nd Quarter report for 2026 on time.
- Staff cleaned, performed maintenance, and calibration on contact basins and effluent monitors.
- Staff replaced the expansion joint on plant water pump #1.
- Staff replaced the drive belts on bio-filter fan #1.
- Staff cleaned brackets, replaced and adjusted scrapers on primary clarifier #3.
- Staff performed a complete rebuild of Strongs Creek Pump #1.
- Staff replaced check valves on pumps #1 & #2 at Nob Hill lift station.

Water Treatment

Year	2022	2023	2024	2025	2026
Total Production, MG	40.006	41.759	44.474	46.682	43.871
Maximum Daily, MG	1.980	1.803	1.676	1.885	1.900
Average Daily, MG	1.384	1.291	1.347	1.453	1.515

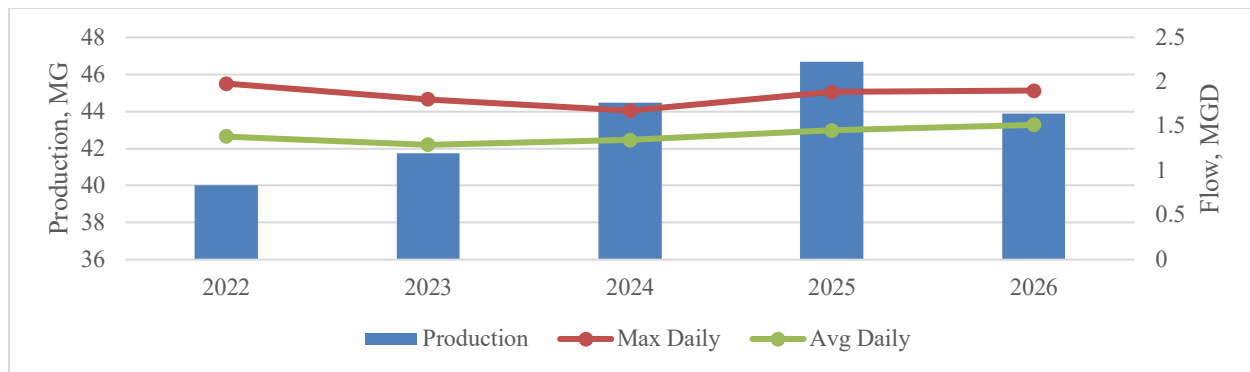


Figure 3. July potable water production for the past five years in Million Gallons (MG)

Water Events & Maintenance Tasks Completed:

- Staff completed and submitted the June 2026 monthly water report.
- Staff spent significant time on yard maintenance and weed removal at city stations.

General Services and Streets – General Services Superintendent

The following is a list of scheduled assignments completed by the General Services staff in July:

- Staff prepared traffic control notices and traffic control measures for the Fortuna Fireworks Festival, First Friday's, Fortuna Vintage Market, and weeklong activities with Fortuna Rodeo and Fortuna Auto Expo. Staff assisted the Parks staff with monitoring trash cans on Chili Cook Off and assisted at Rohner Park. Staff assisted the Police Department in stationing staff at locations for the 5K run and the Friday Night Cruise for Auto Expo.
- Staff assisted with removing vegetation and trees with the chipper for a water valve replacement project.
- Staff replaced the temporary cold mix with hot mix asphalt at Rohnerville and Newburg Road from a broken water main.
- Staff continue to assist the Wastewater Treatment Plant with removing sediment from one of the ponds at the facility. Staff mowed the ponds.
- Staff replaced batteries and installed new boxes for the solar streetlights in front of the high school. Staff sawcut the concrete in other locations on 12th Street.
- Staff pulled weeds in the LID basins on 12th Street.
- Staff responded to after-hour callouts. One call out was at Main and 12th Street where a vehicle hit another vehicle that hit the pedestrian button, street sign and the building at Bodyworks.
- Two positions in the Streets and Drainage Department became open in the last week of July. One member is relocating to another State, and the other accepted the open position in the Utility Department. I wish them the best in their new endeavors.
- In addition to the special tasks noted above, staff also engaged in the following regular routine maintenance activities including USA's, street sweeping, recycling and trash management, collect batteries at City Hall, road maintenance, Dog Park maintenance, vegetation management including sniping of curbs, and safety training and inspections. Staff are available for questions, requests, and emergency responses to the community.

RECOMMENDED COUNCIL ACTION:

Receive Public Works Department Monthly Report. Consent Agenda vote.