

STAFF REPORT

Consent Agenda Item

DATE: July 20, 2026

TO: Honorable Mayor and Council Members

FROM: Brian Issa, Public Works Director

THROUGH: Amy Nilsen, City Manager

SUBJECT: Public Works/Engineering 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 May.

- Continued coordination with Jacobs on the NPDES Compliance Project, including design development, regulatory strategy, SCADA integration, and project management.
- Finalized and began implementation of the FY 2026–27 Capital Improvement Program, including priority infrastructure projects and funding allocations.
- Advanced wastewater system improvements, including Basin 13/14 capacity planning, rehabilitation projects, and related capital improvements.
- Advanced water system planning and reliability efforts, including receipt of Water Master Plan proposals and Well 5 pumping and manganese testing.
- Continued stormwater and drainage improvement work, including culvert replacements and system maintenance planning.
- Continued coordination with GHD on design and funding for the Mill Creek Habitat Connectivity Project.
- 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.
- Supported grant funding efforts, including coordination with the Great Redwood Trail Agency on SCC funding and the City's ATP grant work.
- Submitted an ATP grant for development of the John Campbell Memorial Greenway from Riverwalk to Redwood Way.
- Coordinated with Vero Fiber on equipment siting and selected a pedestal location at the Strong's Creek lift station.
- Continued SB 1383 regional coordination and solid waste compliance work.

Utilities Division – Utilities Superintendent

Water Distribution System

- The utilities crew read meters, changed out 2 dead meters, and completed the meter worksheet.
- The utilities crew upgraded 7 single port radios and 2 dual port radios.
- The utilities crew installed one new 1" water service this month.
- On-call personnel responded to 14 after-hours callouts.
- The utilities crew completed 14 shutoffs for nonpayment.
- Five water leaks were repaired this month; the following table provides the details:

Date	Location	Main or Service	Size and Pipe Material	Estimated Leak Rate (Gallons per Minute)	Total Estimated Leak Volume (Gallons)
6/3/26	Church Street	Service	¾" Galv Iron Pipe	5	90,720
6/9/26	Susan Drive	Service	¾" Poly Pipe	3	4,320
6/16/26	School Street	Service	¾" "thin blue" poly	25	36,000
6/18/26	Rohnerville Road	Main	4" AC	4620	277,200
6/23/26	Dinsmore Drive	Main	2" PVC	876	52,560
					TOTAL: 460,800

Table 1. Water leaks in June 2026

Sewer Collection System

- There were zero Sanitary Sewer Overflows (SSOs).
- The utilities crew cleaned approximately 5,700 feet of sewer lines.
- On-call personnel responded to zero sewer-related callouts.
- Using the Grade 5 defect list, the utilities crew began ordering parts and submitting USA tickets to repair the most severe defects identified.

Service Calls Summary

- Underground Service Alert (USA):
 - The utilities crew marked 170 USAs; none were mismarked.
- A total of 106 service calls were completed. Figure 1 shows the breakdown by type.

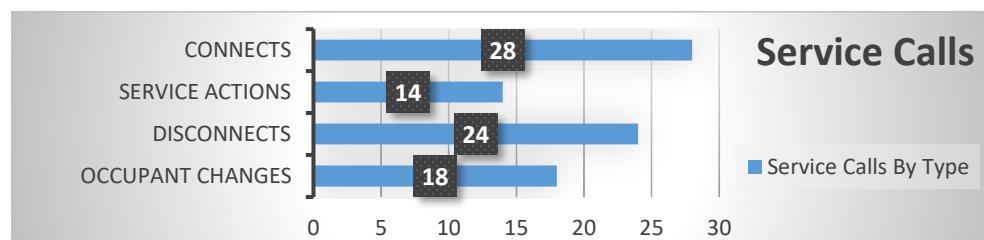


Figure 1: Service call breakdown

Projects & Miscellaneous Tasks

- The Utilities Division completed installation of a 4-inch water line at the Corporation Yard. The project included installation of a tee with two gate valves, pipe elevation adjustment,

a 45-degree direction change, one service saddle with a 2-inch gate valve, one standard service saddle, a blow-off valve, and approximately 350 linear feet of C900 water main.

- The Utilities Division continues to update the GIS database, focusing on water meter and radio transmitter inventory to support the radio upgrade CIP. More than 60% of all water meters have now been added.
- Jeremiah Swenson obtained his Class B driver's permit.
- Troy Hubner continues to work on his Class B driver training and is expected to obtain his permit soon.

Water Treatment/Wastewater Division – Chief Plant Operator

Wastewater Treatment

Table 2. June 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	27.853	25.880	25.060	20.716	25.780
Maximum Daily Flow, MGD	1.350	1.140	1.160	0.747	0.970
Average Monthly Flow, MGD	0.928	0.863	0.835	0.691	0.859

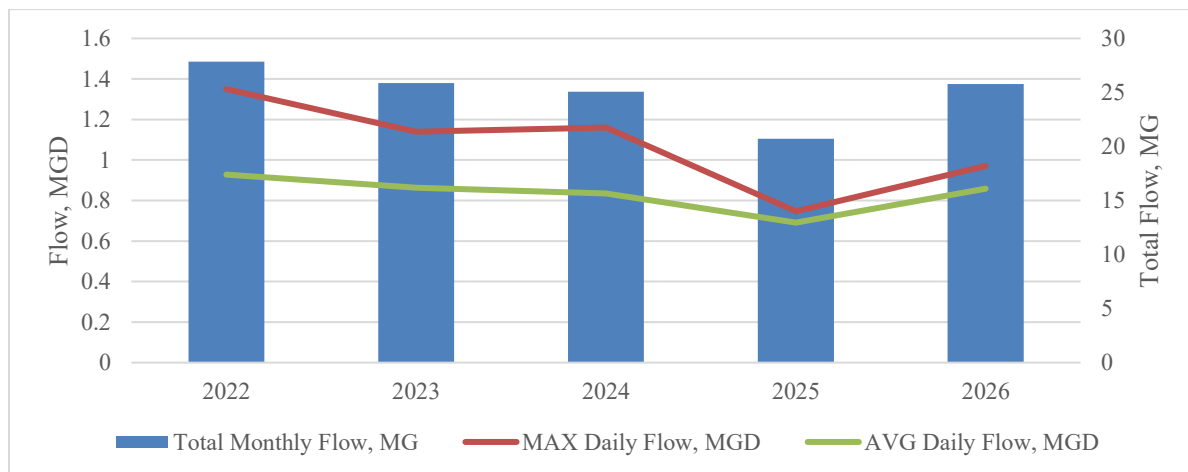


Figure 2. June wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

Wastewater Events & Maintenance Tasks Completed:

- Staff replaced the gearmotor and drive chain on secondary clarifier #4.
- Staff replaced expansion joint and O-ring on pump 612.
- Staff replaced expansion joint and O-ring on pump 611.
- Staff cleaned pumps and checked valves on P722 and P721.
- Staff changed the PLC battery.
- Staff pulled influent pump #3 to clean, inspect, and change the oil.
- Staff adjusted the activation point for the stairscreen to help prevent roller rags at the bottom.
- Staff replaced the GBT belt, washbox seals, scraper blades, and side seals.
- Staff spent time on grass and weed control.

Water Treatment

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

Year	2022	2023	2024	2025	2026
Total Production, MG	34.341	35.860	38.152	39.443	39.586
Maximum Daily, MG	1.464	2.061	1.560	1.585	1.863
Average Daily, MG	1.145	1.195	1.209	1.314	1.319

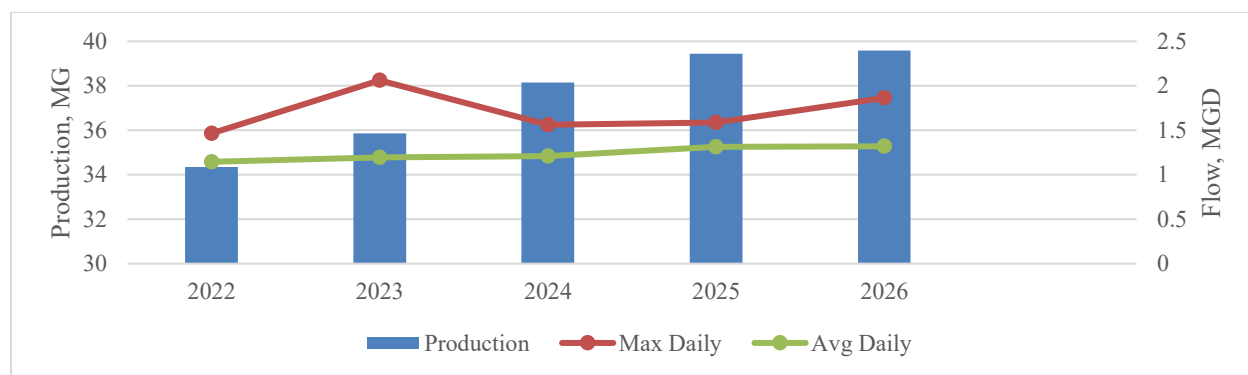


Figure 3. June potable water production for the past five years in Million Gallons (MG).

Water Events & Maintenance Tasks Completed:

- Staff replaced the auxiliary contact block and checked all connections on Drake Hill Pump #2.
- Staff completed and submitted the monthly drought report.
- Staff completed and submitted the Annual Water Supply and Demand Assessment.
- Staff completed and submitted the Annual Consumer Confidence Report.

General Services and Streets – General Services Superintendent

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

- Staff continued to mow, weed-eat, and cut vegetation in preparation for fireworks. The field next to Newburg Park was cut and baled by a local rancher. Staff also completed roadside mowing on Home Avenue, 9th Street, and Hillside Road, and mowed the future park on 12th Street.
- Staff replaced rotten boards, power washed and repainted the grandstands. Staff also power washed other facilities for the upcoming event season, repaired vandalized electrical outlets and lights at the arena facilities, burn-tested the arena lights, and prepared the arena for horseback riders.
- Staff repainted the ADA parking stalls in multiple locations.
- Staff repainted the white parking stalls on 11th and 13th Streets. Staff also painted white crosswalks and stop markings.
- Staff assisted the Utility crew with traffic control on a water main break.
- Staff replaced rotten wood on the benches on 12th and L Street.
- Staff replaced streetlight components on Main Street.
- Staff prepared traffic control for First Friday, Fortuna Vintage Market, and the July 3rd Fireworks Festival.

- In addition to the special tasks noted above, staff completed routine maintenance activities, including USAs, recycling and trash management, battery collection at City Hall, road maintenance, Dog Park maintenance, vegetation management including curb snipping, and safety training and inspections. Staff remain available for questions, requests, and emergency responses from the community.

RECOMMENDED COUNCIL ACTION:

Receive Public Works/Engineering Monthly Report. Consent Agenda vote.