

STAFF REPORT

Consent Agenda Item

DATE: September 21, 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

STAFF RECOMMENDATIONS:

Receive report as an informational item.

EXECUTIVE SUMMARY:

The Public Works Director and Public Works divisions engaged in the following key activities during August.

- Continued coordination with Jacobs on the National Pollutant Discharge Elimination System (NPDES) Compliance Project, including design development, regulatory strategy, Supervisory Control and Data Acquisition (SCADA) integration, and project management.
- Coordinated with the State Water Board on the basin plan amendment process and permitting of the City's percolation ponds as a final point of summer discharge.
- Advanced major transportation and roadway initiatives, including Kenmar Interchange design and approval work with GHD and the California Department of Transportation (Caltrans), corridor planning, Americans with Disabilities Act (ADA) improvements, and paving program development.
- Participated in Mill District development coordination, including infrastructure needs, site access, and developer-funded improvements.
- Continued initial steps for the Great Redwood Trail Project Approval and Environmental Document (PA&ED) grant, including consultant selection and grant acceptance actions.
- Coordinated with Vero Fiber on rollout activities and City infrastructure concerns under its encroachment permit.
- Coordinated with legal counsel to submit comments on the draft Small Municipal Separate Storm Sewer System (MS4) regulations, focusing on implementation timelines, funding constraints, rural community impacts, and flexibility for disadvantaged communities.
- Continued Senate Bill 1383 (SB 1383) regional coordination and solid waste reporting and compliance work.
- Negotiated an updated agreement with Caltrans for use of the Corporation Yard for its asphalt testing facility.

Utilities Division – Utilities Superintendent

Water Distribution System

- The utilities crew read meters, changed out 12 dead meters, and completed the meter worksheet.
- The utilities crew upgraded 124 single port radios, 16 dual port radios, and 156 total meters.
- 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.
- There were 7 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)
8/2/26	14 th Street	Service	1” PE	30	1,800
8/19/26	N Fortuna Blvd	Service	1” PE	5	7,200
8/19/26	O Street	Service	¾” PE	3	4,320
8/19/26	Newburg Court	Service	2” SCH 40 PVC	30	43,200
8/25/26	15 th Street	Service	1” PE	5	7,200
8/26/26	15 th Street	Service	1” Blue PE	5	7,200
8/31/26	Cole Court	Main	1” GALV	2	17,280
TOTAL:					88,200

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 one sewer-related callout.

Service Calls Summary

- Underground Service Alert (USA): The utilities crew marked 29 USA tickets; zero were mismarked.
- A total of 94 service calls were completed. Figure 1 shows the breakdown by type:

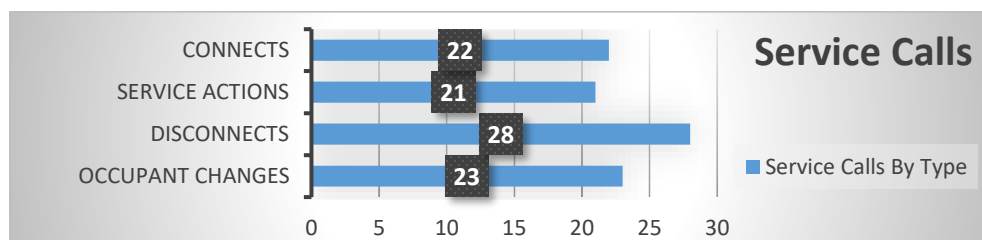


Figure 1: Service call breakdown

Projects & Miscellaneous Tasks

- The Utilities division continues to add to the City’s GIS database, focusing on water meter and radio transmitter inventory to better assist the radio upgrade Capital Improvement Program (CIP). The database now includes approximately 61.6% of all water meters.

- The Utilities crew has been assisting Wendt Construction with the valve replacement project by handling notices, valve shutoffs, line refilling and flushing, and water sampling.
- During the first fiscal year of the meter radio transmitter replacement program, the crew achieved a consistent rate of 100 upgrades per month. With increased CIP funding, the program capacity was expanded to 150 upgrades per month. This increase is projected to reduce the overall project schedule by approximately 33%, accelerating completion by an estimated nine months.

Water Treatment/Wastewater Division – Chief Plant Operator

Table 2. August 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	26.560	25.750	21.880	19.570	25.790
Maximum Daily Flow, MGD	1.000	1.000	1.010	0.750	0.950
Average Monthly Flow, MGD	0.857	0.831	0.706	0.631	0.832

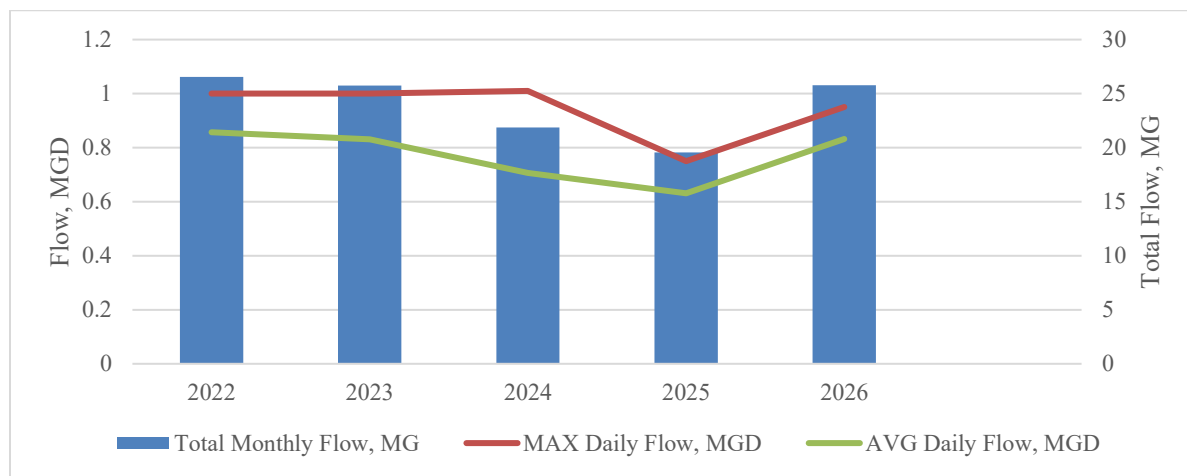


Figure 2. August wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

Wastewater Events & Maintenance Tasks Completed:

- Staff, with assistance from the Streets Department, removed brush from the treatment plant overflow ponds.
- One staff member passed the Grade III wastewater treatment certification exam.
- Staff made repairs to the effluent chlorine analyzer.
- Staff, with assistance from Wahlund Construction's electrical division, troubleshot and repaired the plant automatic transfer switch.
- Staff replaced the rotor stator and expansion joint on primary sludge pump 311.
- Staff replaced the suction side check valves on Nob Hill lift station pumps 1 and 2.
- Staff made repairs to the grit pump chamber sump pump piping.
- Staff completed preparation and painting for the replacement grit cyclone cone.
- Staff made repairs to the digester lid condensate trap.

Water Treatment

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

Year	2022	2023	2024	2025	2026
Total Production, MG	42.600	44.387	38.434	42.378	41.615
Maximum Daily, MG	1.735	1.893	1.678	1.786	1.787
Average Daily, MG	1.374	1.432	1.432	1.239	1.342

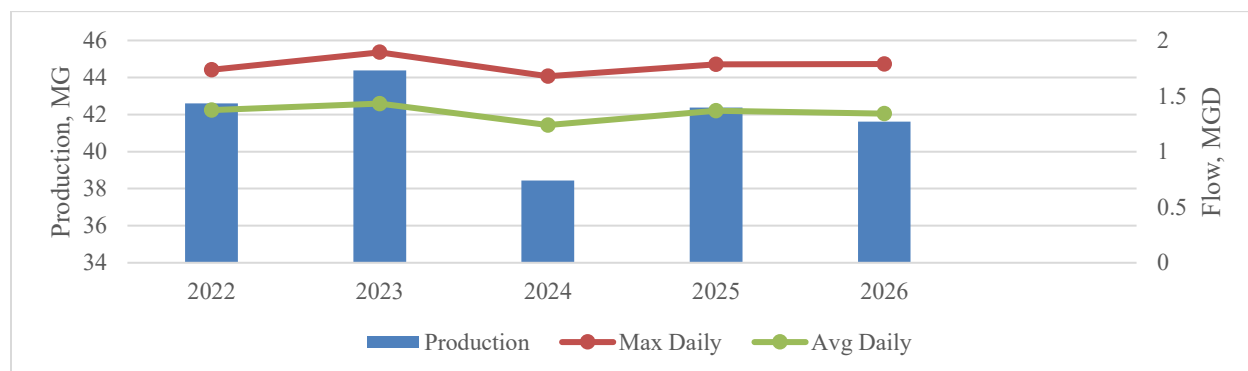


Figure 3. August potable water production for the past five years in Million Gallons (MG).

Water Events & Maintenance Tasks Completed:

- Staff completed third-quarter Per- and Polyfluoroalkyl Substances (PFAS) testing on the City wells with a non-detect on all tested wells.
- Staff completed and submitted the monthly drought report and the monthly coliform testing report.

General Services and Streets – General Services Superintendent

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

- Staff prepared and provided traffic control closures for First Friday and Fortuna Vintage Market special events.
- Staff painted yellow and white traffic markings before the start of the school year.
- Staff installed foundations for radar feedback signs on Ross Hill Road and 12th Street; the signs were installed the following week.
- Staff chipped accumulated limbs and debris at the treatment plant.
- Staff mowed overgrown vegetation in the Newburg Park expansion area, cut low-hanging limbs along the Newburg Park property line, and removed a fallen limb from Main Street.
- Staff cut overgrown vegetation at Vancil Reservoir, mowed vegetation, and removed remaining dirt from the percolation ponds for winter use.
- Staff mowed the right-of-way shoulder along Fortuna Boulevard.
- TreeTactics completed the hazardous tree removal by grinding the remaining stump on Barney.
- Staff removed and replaced failing asphalt with hot mix asphalt and paved water ditches with temporary cold mix.
- In addition to the special tasks noted above, staff completed routine maintenance activities, including Underground Service Alert markings, street sweeping, recycling and trash

management, battery collection at City Hall, road maintenance, Dog Park maintenance, vegetation management, curb trimming, safety training, and inspections. Staff also remained available for public requests and emergency response needs.

RECOMMENDED COUNCIL ACTION:

Receive Public Works Department Monthly Report. Consent Agenda vote.