

STAFF REPORT

Consent Agenda Item

DATE: April 20, 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 RECOMMENDATION:

Receive report as an informational item.

EXECUTIVE SUMMARY:

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

Strategic Visioning

Staff have been participating in the City's strategic visioning process to ensure that Public Works is part of the discussion and to hear the communities' thoughts

CIP and Budget Development

Staff spent considerable time pulling together projects and budgets for the upcoming year.

Great Redwood Trail Agency

Staff met several times with GRTA staff to coordinate on development this regional trail facility

Water Master Plan

Staff prepared a request for proposals for preparation of a water master plan to guide long-term development of the city's water infrastructure.

Kenmar Interchange

Staff continue to work with CalTrans on design development. GHD is nearing 100% designs and the City has started discussions with neighboring landowners on ROW purchase.

Mill Creek Habitat Connectivity

GHD is nearing 100% design, environmental permitting is nearly complete, and implementation grant applications have been submitted.

Well 5

Coordinated pump flush and sampling. Awaiting sampling and metals results to ensure casing “dam” between aquifers was successful. Building designs are complete.

Vero Fiber Coordination

Staff have been coordinating with a company seeking to roll out “fiber-to-the-home” in Fortuna including identifying a location at the well field on Eel River Dr where they can site a small hub facility, possibly in exchange for providing backup or primary fiber to key city facilities.

NPDES Compliance

- Jacob’s proceeding to 100% design on new aeration basins.
- Coordinated resubmittal of application for State Revolving Loan (SRF) funding
- Staff finalized plans for the SCADA overhaul including coordinating site visits and information gathering from design staff.

Grants and Funding

- Staff received word that our Rural and Tribal program grant application for the 12th Street interchange was not successful.
- The City received a grant from the Complete Streets Safety Assessment program to look at traffic safety at various areas around Fortuna.
- Engineering staff have been working on coordination and permitting installation of 10 EV charging stations in the corp yard.

Community Development Coordination

- Regular meetings between PW and CD are continuing. PW staff continue to look for ways to standardize and streamline the development process. Staff are compiling a list of potential code amendments for consideration

Development Review

Staff participated in review of multiple projects in various stages of the development process.

Utilities Division – Utilities Superintendent

Water Distribution System

- The utilities crew read meters, changed out 15 dead meters, and completed the meter worksheet.
- The utilities crew upgraded 89 single port radios, and 21 dual port radios.
- The utilities crew installed one new 2” water service this month.
- On-call personnel responded to 1 after-hours callout.
- The utilities crew completed 13 shutoffs for nonpayment.
- There were zero water leaks to be repaired this month.

Sewer Collection System

- There were zero Sanitary Sewer Overflows (SSOs).
- The utilities crew cleaned approximately 5,700ft of sewer lines.
- On-call personnel did not respond to any sewer-related callouts.
- From the grade 5 defect list, the utilities crew have begun to order parts and submit USA tickets to begin repairing the most severe defects identified.

Service Calls Summary

- Underground Service Alert (USA): There were zero miss-marked USAs.
- The utilities division completed a total of 111 Service calls. Figure 1 shows the breakdown by type.

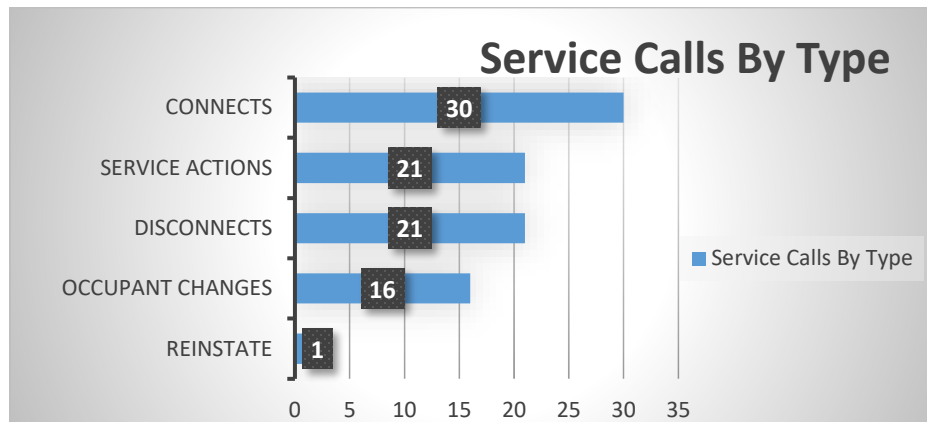


Figure 1: Service call breakdown

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 50% of all water meters added.
- Mike McGinnis passed his water Distribution Grade II exam.
- Issac Chacon has been practicing his airbrake test and walk around test for his Class B license exam; he anticipates being ready for the test in April.
- Troy Hubner continues to work on his Class B drivers training and should obtain his permit soon.

Water Treatment/Wastewater Division – Chief Plant Operator

Wastewater Treatment

Year	2022	2023	2024	2025	2026
Total Monthly Flow, MG	26.940	79.920	70.470	57.942	27.040
Maximum Daily Flow, MGD	1.240	4.160	3.890	2.894	1.800
Average Monthly Flow, MGD	0.869	2.578	2.273	1.869	0.872

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

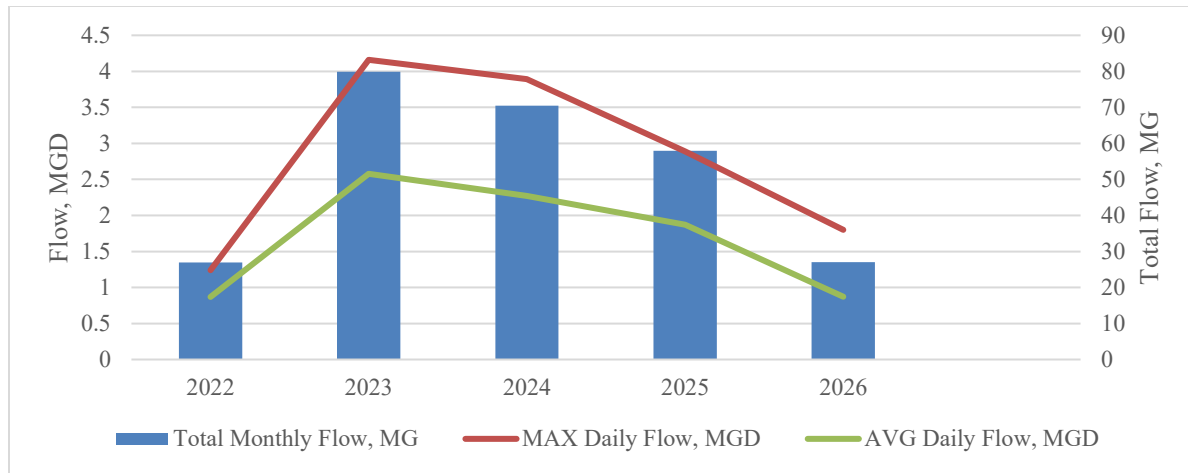


Figure 2. March wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

Wastewater Events & Maintenance Tasks Completed

- Staff held a compost giveaway and gave 1,571 cubic yards over 9 days.
- Staff cleaned chlorine contact basins, secondary clarifier weirs, and flushed plant water tank.
- Staff cleaned primary clarifier weirs and scumboxes.
- Staff and Jacobs engineers spent 14 hours making repairs to crashed SCADA PLC.
- Staff completed monthly water and drought monitoring reports and submitted them to the state.

Water Treatment

Year	2022	2023	2024	2025	2026
Total Production, MG	28.105	27.256	27.962	27.115	27.462
Maximum Daily, MG	1.065	1.514	1.182	1.852	1.324
Average Daily, MG	.907	.879	.902	.874	.885

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

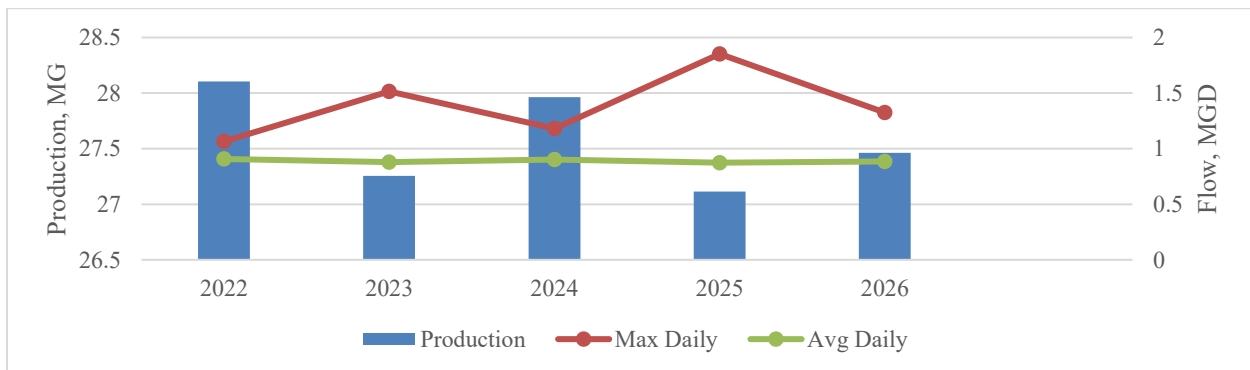


Figure 3. March potable water production for the past five years in Million Gallons (MG).

Water Events & Maintenance Tasks Completed:

- Staff completed monthly water and drought monitoring reports and submitted them to the state.

General Services and Streets – General Services Superintendent

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

- Staff assisted in traffic control for the paving operations on Kenmar, N Street and Fortuna Boulevard. Staff prepared and hand delivered notices to residents and business impacted with the operation.
- Staff raised and installed new concrete rings on valve boxes in the new pavement.
- New traffic markings were installed on the new road surfaces on Kenmar Road, N Street, Fortuna Boulevard, and L Street with the City's Annual Striping Contractor.
- Staff disassembled the boom mower implements on the John Deere Tractor. The tractor will be repurposed to use the tow behind mower deck and working in the arena.
- Staff repaired pedestrian crosswalk beacons.
- Staff swapped out the banners on Main Street with Spring banners.
- Staff mucked out drainage ditches.
- Staff cleaned and repaired miscellaneous items on the Corp Yard Building.
- Staff weed eat and mowed multiple locations along City right-aways and empty City lots.
- People of New Directions removed and hauled 1,520 pounds of debris from illegal dumping at various camps.
- In addition to the special tasks noted above, staff also engaged in the following regular routine maintenance activities including USA's, 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.