

STAFF REPORT

Consent Agenda Item

DATE: March 16, 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.

Sanitary Sewer Break

Staff helped the utility crew with a sewer main break on main street that ultimately required the use of a contractor due to trench depth. This emergency highlighted some equipment needs including ensuring that the City has the capacity to bypass plugs or lift stations in emergencies.

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

Awaiting sampling and metals testing to ensure casing “dam” between aquifers was successful. Building designs are complete.

Newberg Road Sewer

Staff worked with GHD on preliminary designs for sewer upgrades in an area with known flow constraints. Surveying work ongoing.

NPDES Compliance

- Jacob’s proceeding to 90% design on new aeration basins.
- State denied our request to use SRF funds to rebuild the animal control facility, thus requiring the extensive use of pilings to protect the facility which would be covered by SRF grants/loans

- Jacob’s is developing plans for overhaul of the City’s SCADA systems. Staff finalized plans for the architecture.
- SHN finalized the analysis of groundwater monitoring data and the City is working with our consultants to solidify our approach to the basin plan amendment to allow continued use of the percolation ponds

Grants and Funding

- The City received a grant to place radar feedback signs on the school zones on 12th Street and Ross Hill
- Engineering staff have been working on coordination and permitting installation of 10 EV charging stations at the corp yard.
- Staff submitted an application for the 2026 BUILD program with hope of obtaining construction funding for the 12th and Newburg Roundabout.
- Applications for implementation funding for the Mill Creek Habitat Connectivity Project have been submitted to the Wildlife Conservation Board and the Watershed Grants Program.

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 19 dead meters, and completed the meter worksheet.
- The utilities crew upgraded 101 single port radios, and 15 dual port radios.
- The utilities crew installed one new 1” water service this month.
- On-call personnel responded to 2 after-hours callouts.
- The utilities crew completed 15 shutoffs for nonpayment.
- The Utilities crew repaired two water leaks. The following table shows the details:

Date	Location	Estimated Leak Rate (Gallons per Minute)	Leak Duration	Total Estimate Leak Volume (Gallons)
2/2/2026	Cheryl Lane	50	1 Hour	3,000
2/17/2026	1 st Ave	5	5 Days	36,000
TOTAL:				39,000

Table 1. Water leaks in January 2026

Sewer Collection System

- There was one Sanitary Sewer Overflows (SSOs) due to a collapsed sewer pipe, the overflow was quickly mitigated, and the flow was pumped to a nearby manhole until the repair was completed.

- The utilities crew cleaned approximately 5,700ft of sewer lines.
- On-call personnel responded to 2 after-hours callouts.
- From the CCTV work done by contractors for the sewer system, a list compiling all Grade 5 defects (the most severe), has been created. The list has been prioritized with a High, Medium, and Low rating for repair urgency. The depth of each has also been factored to determine which defects can be safely repaired by city crews, and which ones exceed the rated depth of the division’s trench safety equipment requiring a contractor to repair.

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.

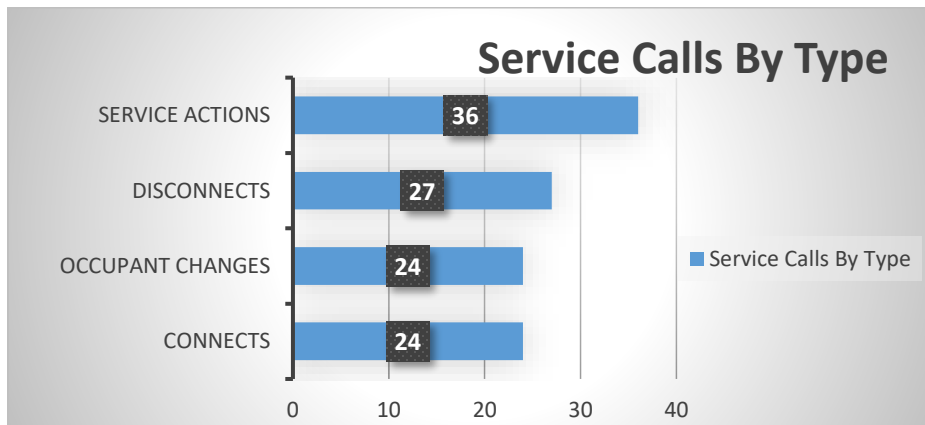


Figure 1: Service call breakdown

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.
- Mike McGinnis continues to study for his upcoming water Distribution certification exam.
- Issac Chacon has obtained his Class B permit and has been working on the required driving hours.
- 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

Table 2. February 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	25.530	46.620	77.380	57.390	37.548
Maximum Daily Flow, MGD	1.240	3.260	4.220	3.670	3.345
Average Monthly Flow, MGD	0.912	1.665	2.668	2.050	1.341

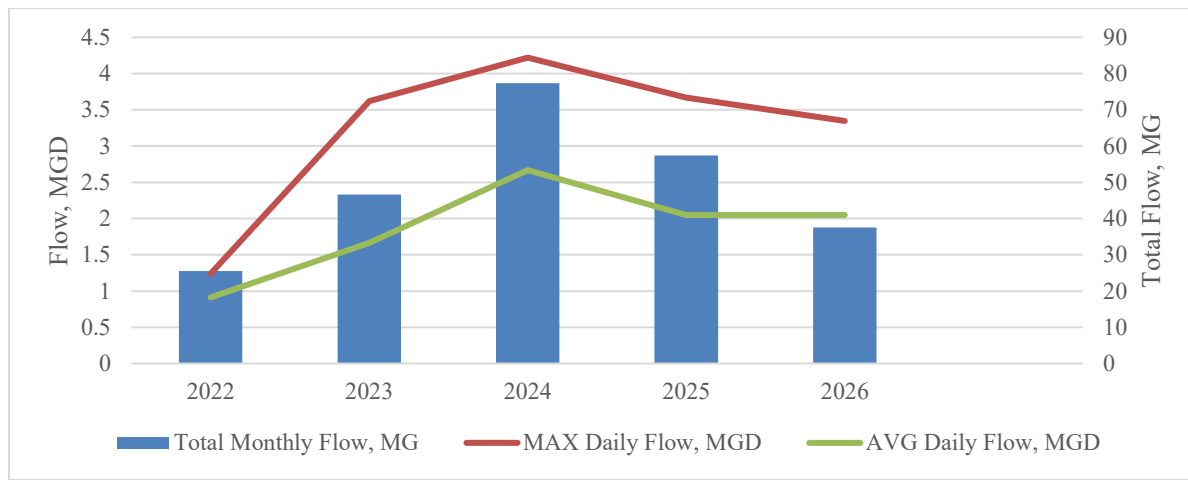


Figure 2. February wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

Wastewater Events & Maintenance Tasks Completed

- Staff performed monthly cleaning on secondary weirs and both chlorine contact basins.
- Staff replaced bearings on RAS pump P460.
- Staff replaced the forward/reverse contactor on the wash press.
- Staff replaced a spark plug, cleaned venturi nozzles, and replaced a pilot nozzle.
- Staff completed and submitted the Wastewater Plant Annual report to CQWIS.
- Staff collected and sent compost samples for analysis with the intention of holding a giveaway in mid-March.

Water Treatment

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

Year	2022	2023	2024	2025	2026
Total Production, MG	26.947	25.740	24.479	24.122	23.6113
Maximum Daily, MG	1.355	1.171	1.060	1.276	1.206
Average Daily, MG	0.962	0.919	0.844	0.861	0.843

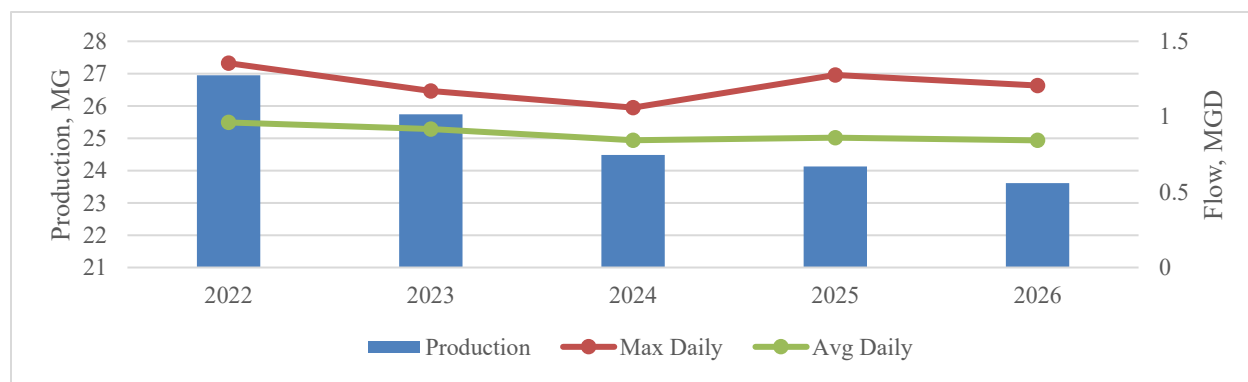


Table 3. February potable water production for the past five years in Million Gallons (MG).

Water Events & Maintenance Tasks Completed

- Staff replaced the anti-backspin device on Well #1.
- Staff completed and submitted the water report for January.

General Services and Streets – General Services Superintendent

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

- Staff installed approximately 100 feet of new pipe for drainage at Newburg Park. Staff built and poured a new drain box for accessibility. Staff placed hot mix asphalt in the trench.
- Staff troubleshot and replaced parts for the pedestrian crosswalk rapid flashing beacons. Staff replaced photocells on City streetlights.
- Staff installed shelves in the basement of the Community Development Department. Staff installed a whiteboard at the police station.
- Staff used weed eaters to remove the new vegetation along the shoulder of the right of way between Fortuna Boulevard and Mill Creek.
- Staff unplugged storm drain and grates during inclement weather. Staff removed unwanted weeds from 12th Street LID's.
- Staff replaced bearings on the woodchipper. Staff removed limbs from hazardous trees and woody debris.
- Staff assisted the Utility Department with a plug on Main Street.
- Staff mucked drainage ditches on Newburg Road.
- 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.