

STAFF REPORT

City Council Consent Item

DATE: June 16, 2025

TO: Honorable Mayor and Council Members

FROM: Bob Natt, Interim Public Works Director/General Services Superintendent

THROUGH: Amy Nilsen, City Manager

SUBJECT: Public Works/Engineering Department Monthly Report for May 2025

STAFF RECOMMENDATION:

Receive report as an informational item.

EXECUTIVE SUMMARY:

Stormdrain Lining Project

The City's contractor to mobilize and completed the PVC lining portion of the project in early June.

Annual Contracts

The City's Annual Maintenance Contracts of concrete, paving, and striping were awarded. The Concrete Contractor is GRS Inc, the Paving Contractor is Mercer Fraser, and the Striping Contractor is Darren Taylor Construction.

Interim Public Works Director

Participated with the Lead Utility Worker, Utility Worker II/III, and Public Works Director interviews. Held Public Works meeting with the Utility Superintendent, Chief Plant Operator, Deputy City Engineer, and Engineer Tech.

Traffic Signal Classes

The Interim Public Works Director took a two-day renewal class for certificates. Brandon Craig and Ryan Fraga took the four-day class to obtain their Temporary Traffic Work Zone and Traffic Signal Technician I certificates.

12th Street Interchange

Staff met the 12th Street Interchange Coordinators for continued discussion on the project.

Kenmar Interchange

Staff met with consultants on the Kenmar Interchange Project. The topic of discussion was the right of ways for the City, County and State.

Update DOT Information

Staff are in the process of updating the biannual Federal Motor Carrier Safety information sheet.

Secondary Clarifier

The contract was awarded, awaiting start date notification.

Digester

Project was put out to bid on May 12.

Valve Replacement & Carson Woods Road Projects

Project was put out to bid on May 19.

Park EV Chargers

The installation of two EV charging stations has begun.

Utilities Division

Water Distribution System

- The utilities crew read meters, changed out 17 dead meters, and completed the meter worksheet.
- Backflow testing is ongoing.
- The utilities crew upgraded 7 single port radios and 9 dual port radios.
- The utilities crew changed out one bad angle valve.
- Hydrant flushing continues, however with short staffing levels this will take longer than usual to complete. 46 Hydrants were flushed this month.
- The utilities crew installed two new water services.
- The utilities crew completed 25 shutoffs for nonpayment.
- The Utilities crew flushed 46 hydrants, there were zero water leaks, the following table shows the total water used while flushing:

Date	Location	Pipe Information	Estimated Leak Rate (Gallons per Minute)	Leak Duration	Total Estimate Leak Volume (Gallons)
5/1-4/31	Hydrant Flushing water used				875,475
TOTAL:					875,475

Table 1. Water leaks in May 2025

Wastewater Collection System

- There were three sewer plugs, two customer laterals, and one main line, they did not result in any SSOs.

- There were zero SSOs.
- The utilities crew cleaned 4,275ft of sewer lines.
- Two sewer laterals were inspected using the CCTV push camera.
- The utilities division continues to develop a list of FOG (Fats, Oils, and Greases) producing businesses which will be inspected annually for discharge compliance.

Service Call Summary

- Underground Service Alert (USA): There were zero miss-marked USAs.
- The utilities division completed a total of 121 Service calls. Figure 1 shows the breakdown by type.

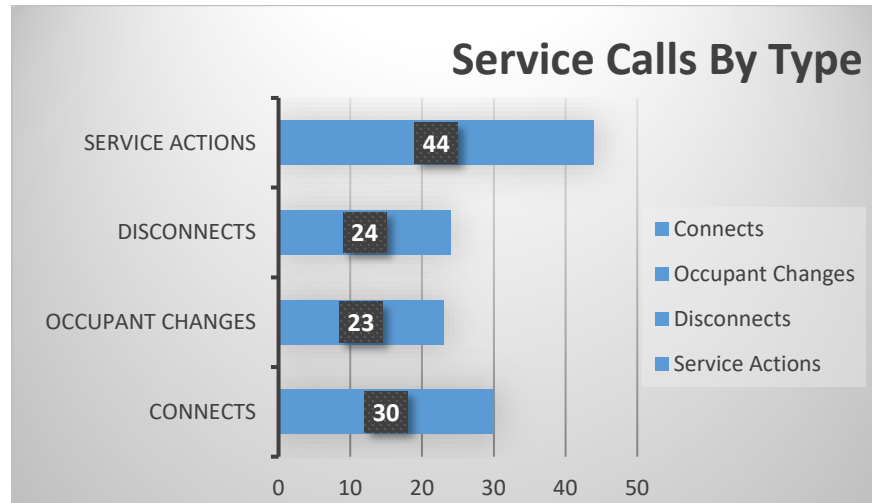


Figure 1: Service call breakdown

Miscellaneous Tasks

- The Utilities division continues to add GIS locations of water meters in unusual locations or locations that frequently get overgrown with brush or buried in dirt/gravel, to assist with finding them in the future more quickly.
- Mike McGinnis will be attending a Backflow Testers Certification course held in Eureka next month.

Water Treatment/Wastewater Division- Chief Plant Operator

Wastewater Treatment

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

Year	2021	2022	2023	2024	2025
Total Monthly Flow, MG	28.730	34.410	29.980	36.86	24.470
Maximum Daily Flow, MGD	1.100	1.990	1.260	2.920	1.010
Average Monthly Flow, MGD	0.927	1.110	0.967	1.189	0.789

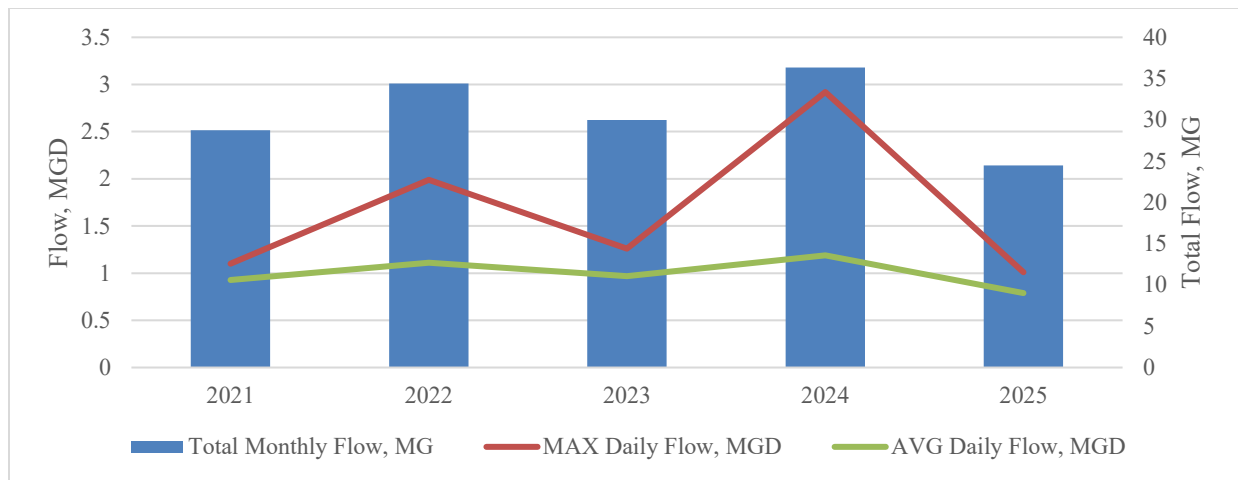


Figure 2. May wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

Wastewater Events & Maintenance Tasks Completed:

- Contractors completed annual rehabilitation work on the percolation ponds. Staff switched effluent discharge from Strongs Creek to the ponds well before the May 15 deadline, as regulated by the State Water Resources Control Board.
- Staff installed a new grit pump #2. Staff cleaned and repainted the pump and motor base and rebuilt the drive motor.
- Staff spent considerable time on facilities maintenance at all city stations.
- Staff replaced belts, aligned pulleys and welded cracked motor frames on the headworks bio-filter blowers.
- Staff replaced motor bearings, impeller, wear plate and drive belts on RAS pump #3.
- Staff replaced the drive bearing on Clarifier #5.

Water Treatment

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

Year	2021	2022	2023	2024	2025
Total Production, MG	39.004	30.259	29.234	31.864	33.187
Maximum Daily, MG	1.652	1.767	1.465	1.669	1.514
Average Daily, MG	1.258	0.976	0.943	1.027	1.070

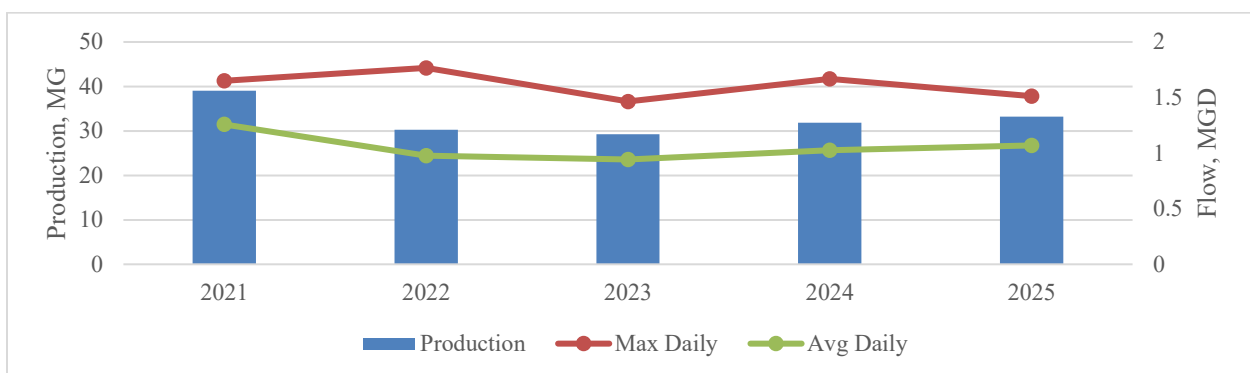


Figure 3. May potable water production for the past five years in Million Gallons (MG).

Table 4. Average May depth-to-groundwater static levels in the City’s active wells for the past five years in feet.

Year	2021	2022	2023	2024	2025
Well #1	28.3	27.3	25.2	26.6	27.1
Well #2	26.4	22.9	22.3	23.5	24.1
Well #4	31.2	29.2	27.8	29.1	29.8
Well #5	33.4	31.5	29.2	30.8	31.6

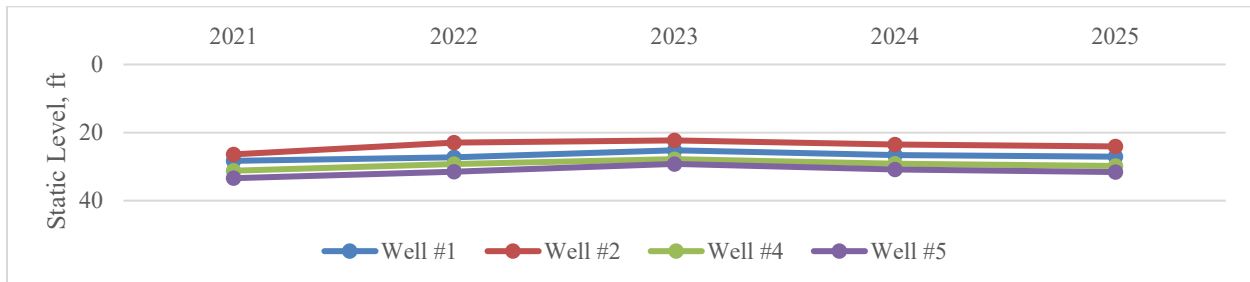


Figure 4. Average May depth-to-groundwater static levels in the City’s active wells for the past five years in feet.

Water Events & Maintenance Tasks Completed:

- Staff replaced bearings in Home Ave booster pump #1.

General Services and Streets - General Services Superintendent

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

- Staff rodded culverts and mucked drainage ditches on Newburg Road.
- Staff removed excess furniture from the onboarding office at City Hall. Staff placed new traction tape on the back steps of City Hall.
- Staff continued to repair and replaced boards on the grandstands. Staff installed new isolation valves in the arena. Staff pressure washed and started to recoat with paint. Staff worked up the arena for the horse community to ride (see photo inset right).
- Staff repaired the failed light switches at the Corporation Yard.
- Staff cut and chipped low hanging brush on Carson Woods Road.
- Staff placed No Parking cones for the first two Farmers Markets on 10th Street.
- Staff were called out after hours to realign the traffic signal on Main and 12th Street.
- Staff mowed the tall vegetation in the overflow swale on Rohner Creek to reduce chances of fire hazard for the Fourth of July. Staff mowed the large field on River Walk Drive across from Comfort Inn. Staff removed the tall vegetation on the western bank of Fortuna Boulevard.
- Staff were called to clean the drainage inlet and street on 14th Street.



- 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 is available for questions, requests, and emergency responses to the community.

RECOMMENDED COUNCIL ACTION:

Receive Public Works Department Monthly Report. Consent Agenda vote.