

# STAFF REPORT

## *Consent Agenda Item*

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**DATE:** October 19, 2026

**TO:** Honorable Mayor and Council Members

**FROM:** Brian Issa, Public Works Director

**THROUGH:** Amy Nilsen, City Manager

**SUBJECT:** Public Works 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 September:

- Advanced the Wastewater Treatment Plant National Pollutant Discharge Elimination System (NPDES) Compliance Project by finalizing Amendments No. 5 and No. 6 with Jacobs for completion of the main-project design and bid-phase services and implementation of the Supervisory Control and Data Acquisition (SCADA) and operational technology improvements.
- Continued regulatory and funding coordination for the NPDES Compliance Project, including work associated with the State Revolving Fund application and a potential Low Threat Discharge permitting pathway.
- Advanced the Kenmar Interchange project toward the 90-percent Plans, Specifications, and Estimate milestone, including coordination with GHD and the California Department of Transportation (Caltrans) regarding the freeway agreement, right-of-way, maintenance responsibilities, landscaping, drainage, utilities, and project design.
- Finalized and transmitted the consultant scope for planning, environmental review, preliminary engineering, outreach, and stakeholder coordination for the City's segment of the Great Redwood Trail between Fernbridge and State Route 36. Began coordination for debris removal and vegetation clearing.
- Developed and circulated a comprehensive right-of-way accommodation agreement and cost-recovery methodology for Vero Fiber's phased citywide deployment. The agreement preserves City control of the public right-of-way and addresses permitting, inspection, relocation, restoration, warranty, as-built mapping, and related obligations.
- Coordinated review of the initial Vero Fiber construction phase, including confirmation of the proposed rollout area, installation quantities, permit phasing, and use of the City's geographic information system for plan review and project tracking.

- Continued coordination on water and sewer capital projects, including the Well 5B system tie-in, Loni Drive/12th Street sewer improvements, Newburg Road utility investigations, and development of the Water System Master Plan.
- Evaluated an energy-efficiency proposal for replacement of River Lodge lighting with light-emitting diode fixtures through Pacific Gas and Electric Company's on-bill financing program.

## **Utilities Division – Utilities Superintendent**

### **Water Distribution System**

- The utilities crew read meters, changed out 7 dead meters, and completed the meter worksheet.
- The utilities crew upgraded 125 single port radios and 16 dual port radios. 157 total meters were upgraded.
- The utilities crew installed one new 1" water service this month.
- On-call personnel responded to 11 after-hours callouts.
- The utilities crew completed 14 shutoffs for nonpayment.
- There were four 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 Estimated Leak Volume (Gallons) |
|---------|----------------|-----------------|------------------------|------------------------------------------|---------------------------------------|
| 9/1/26  | Sunny Heights  | Service         | ¾" "Thin" PE           | 10                                       | 144,000                               |
| 9/9/26  | Sunny Heights  | Service         | ¾" "Thin" PE           | 20                                       | 172,800                               |
| 9/24/26 | Shamrock Drive | Service         | 1" PE                  | 5                                        | 21,600                                |
| 9/30/26 | Redwood Way    | Service         | 2" PVC                 | 15                                       | 64,800                                |
| TOTAL:  |                |                 |                        |                                          | 403,200                               |

**Table 1:** Water leaks in September 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 did not have any sewer-related callouts.

### **Service Calls Summary**

- Underground Service Alert (USA): The utilities crew completed 28 USA markings; none were mismarked.
- A total of 84 service calls were completed. Figure 1 shows the breakdown by type.

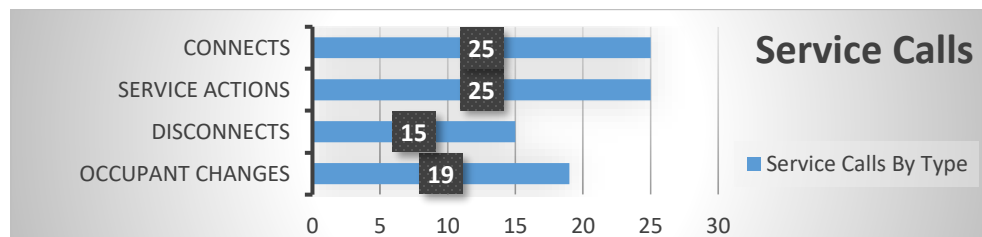


**Figure 1:** Service call breakdown

## Projects & Miscellaneous Tasks

- The Utilities Division continued adding to the City's GIS database, focusing on the water meter and radio-transmitter inventory to support the radio upgrade CIP. Approximately 76 percent of all water meters are now included.
- The utilities crew assisted Wendt Construction with the valve replacement project by handling public notices, valve shutoffs, line refilling and flushing, and water sampling.
- Issac and Jeremiah attended a review class to help prepare them for their upcoming water distribution exams.

## Water Treatment/Wastewater Division – Chief Plant Operator

**Table 2.** September 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   |
|----------------------------------|--------|--------|--------|--------|--------|
| <b>Total Monthly Flow, MG</b>    | 26.330 | 26.620 | 20.850 | 21.370 | 19.553 |
| <b>Maximum Daily Flow, MGD</b>   | 1.140  | 1.320  | 0.820  | 0.820  | 0.754  |
| <b>Average Monthly Flow, MGD</b> | 0.878  | 0.887  | 0.695  | 0.712  | 0.652  |

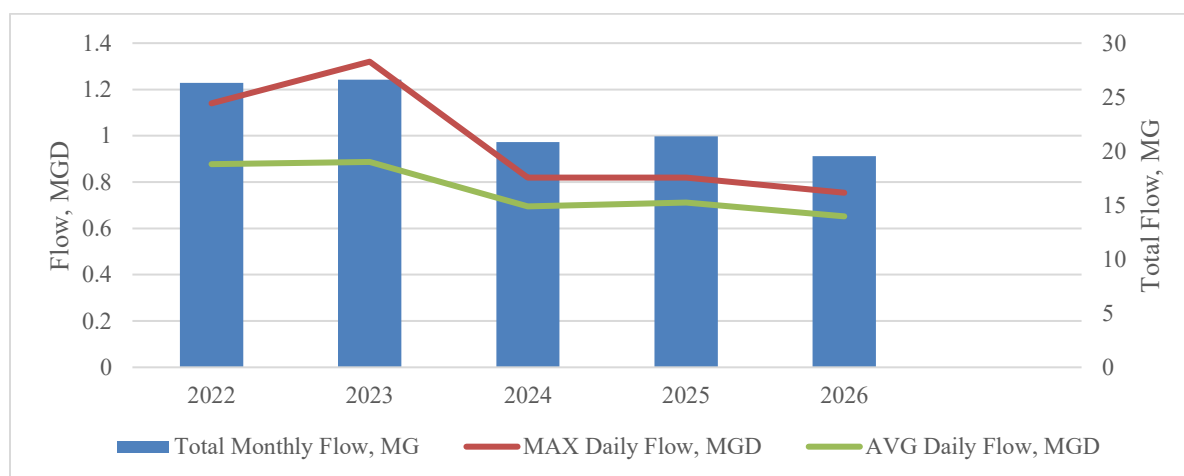


**Figure 2.** September wastewater plant effluent flows for the past five years in Million Gallons (MG) and Million Gallons per Day (MGD).

## Wastewater Events & Maintenance Tasks Completed by Staff:

- Replaced the headworks biofilter fan belts and greased the bearings.
- Cleaned and inspected the digester boiler tubes.
- Greased grit chain bearings and inspected shoes.
- Replaced scum sweep arm support bracket and squeegee for primary clarifier #3 and put it online.
- The gear-drive oil in all primary sludge pumps was replaced.
- Drained and cleaned primary clarifier #1.
- Cleaned the contact basins, secondary clarifier #5, and recycle tank.
- Repaired air leaks and replaced manifold gaskets for aerators at AB#1.
- Replaced scum sweep arm assembly for secondary clarifier #4.
- Replaced GBT polymer mixer motor and shaft seals.

- Cleaned stair screen and flushed wash press of debris.
- Replaced the wash press HMI and adjusted the setpoints.
- Performed weekly CL2 analyzer maintenance with peristaltic tubing replacement and screen flushing.
- Replaced the NH3 eductor with a clean unit each week.
- Weekly primary effluent weir cleaning and scum pumping performed.
- Exercised the generators at the WWTP and Strongs Creek.

### **Water Treatment**

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

| Year                        | 2022   | 2023   | 2024   | 2025   | 2026   |
|-----------------------------|--------|--------|--------|--------|--------|
| <b>Total Production, MG</b> | 36.360 | 36.879 | 36.393 | 35.780 | 35.932 |
| <b>Maximum Daily, MG</b>    | 1.677  | 2.197  | 1.557  | 1.635  | 2.024  |
| <b>Average Daily, MG</b>    | 1.212  | 1.229  | 1.213  | 1.192  | 1.198  |

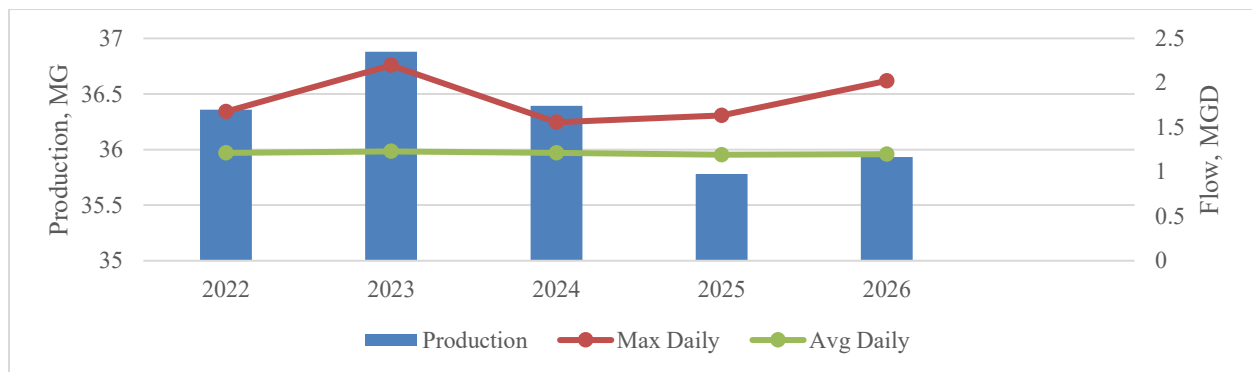


**Figure 3.** September potable water production for the past five years in Million Gallons (MG).

### **Water Events & Maintenance Tasks Completed by Staff:**

- Completed the drought report.
- Completed the monthly coliform sampling report.
- Exercised all drinking-water generators under load.
- Cleaned CCF tower screens.
- Cleaned/rebuilt CL2 eductors at CCF.
- Cleaned ball valves and replaced o-rings for CL2 injection at CCF.

### **General Services and Streets – General Services Superintendent**

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

- Staff removed graffiti in multiple locations.
- Staff cleaned the roof gutters at the Corporation Yard and City Hall, replaced a toilet wax ring in the Community Development Department, cleaned a sewer line to eradicate drain flies, and lubricated door locks throughout City Hall.
- Staff assisted with replacing a failed condenser pump for the HVAC unit at the Police Station, cleaned the cameras and air filters, and lubricated the door locks.

- The Fortuna Vintage Market took place in the City Hall parking lot and required no setup.
- Staff repaired the outdoor benches at River Lodge and continued repairing benches on Main Street.
- Staff continued repairing the welcome signs installed at the sidewalk bulb-outs.
- Staff continue to prepare drainage ditches for forthcoming inclement weather.
- Staff assisted Parks staff with chipping a tree at the Monday Club.
- Staff repaired a stop sign from a vehicle collision on Lawndale.
- Staff cleaned the roof gutters at the Wastewater Treatment Plant and Lift Stations.
- Staff cleaned up an oil spill on L Street.
- Staff assisted with the repair of a water leak at the Conroy Field cookshack.
- Staff switched the Summer banners to Fall banners.
- Staff removed an illegal dump of a refrigerator in Campton Creek.
- Staff placed a portable message board on 101 for the ramp closure for Apple Harvest.
- In addition to the special tasks noted above, staff performed routine maintenance activities, including USA markings, recycling and trash management, road and dog park maintenance, vegetation management, curb trimming, and safety training and inspections. Staff also remained available to respond to community questions, requests, and emergencies.

**RECOMMENDED COUNCIL ACTION:**

Receive Public Works Department Monthly Report. Consent Agenda vote.