

STAFF REPORT

TO: TOM DUBOIS, CITY MANAGER
MEETING DATE: JULY 22, 2024
FROM: DAN LAFONTAINE, PUBLIC WORKS DIRECTOR
SUBJECT: PUBLIC WORKS DEPARTMENT REPORT FOR JUNE 2024

Objective: The objective of this staff report is to provide a monthly status update regarding activities within the Public Works Department.

Executive Summary: The Eureka Rd overlay is progressing and will be completed by July 22, 2024. Next up is the Oro Madre overlay and sewer piping replacement project. This work is scheduled to begin on July 15, 2024. Crosswalks were updated the past few months, and the public works team is working hard in the heat to finish all crosswalks around Amador High prior to the start of the 2024/2025 school year. The Sutter oaks project is nearing final acceptance and we already have seen lots of groundwater in the gutters that previously went into our sewer collection system. There was one Sanitary Sewer Overflow on Rayland and Old Rte. 49 on June 20, 2024. Thanks to the PW team (15-minute response time), no sewage reached navigable waters and only 200 gallons was spilled and cleaned up on site. During the month we also installed volleyball sleeves in the auditorium. Big thanks to James Lynch with Amador High School for donating his time and expertise to work with the PW crew and getting these installed.

Detailed Summary: Below is a detailed summary and or status of the main PW responsibilities; Collection System, Wastewater Treatment Plant, Effluent Disposal, Streets and City Right of Way, Parks and Buildings, and Service Callouts.

Collection System Status:

CIP work

- **Sutter Oaks pipe bursting project** – Final camera work performed for final acceptance. The City has received all camera footage and has noted 1 location that need to be repaired and 3 locations that are being put on watch for 6-months to verify completeness and no further issues.

SSMP Activity

Calls for service

- 6/20/2024; Rayland Drive MH # 221 overflowed approximately 200 gallons of raw sewage. All sewage was contained prior to exposure to any navigable waterways by a response of 15 minutes from the PW team. The line was cleared of the plug and a report was submitted to CIWQS. The sewer line segment under Old Hwy 49 is scheduled for replacement in the 2024-2025 fiscal season.

Sewer System Cleaning and Maintenance.

- For June 2024, there was 645 feet of sewer line cleaned. Total amount cleaned for 2024 is 9,209 feet. The total for 2023 was 31,023 feet.

Wastewater Treatment Plant Status:

The WWTP met all the effluent quality discharge requirements for the month of June.

Table 1. Monthly Status of required reporting constituents.

Constituent	Monthly Results	Monthly Limits
Monthly Influent Flow	10.408 MG 0.347 MGD daily avg	0.48mgd ¹
Effluent BOD, mg/L	10 mg/L	30 mg/l
Effluent Settleable Matter, mL/L	< 0.1 ml/L	0.5 ml/l
Effluent TSS, mg/L	20 mg/L	30 mg/l
Total Coliform, MPN	< 1.8 mpn	23 mpn
Sludge Wasted	75,525 gallons	
Rain	0.0 in.	27.52 in. YTD –51.94” Last YTD

¹ The .48 MGD is daily dry weather flow (May through October).

Plant Compliance Issues: The May 2024 monthly report was electronically submitted to the Regional Water Quality Control Board.

Operational Strategy Modifications:

- The rag bin was hauled on June 12, 2024.
- The metal expansion roof (ordered in March) has been delivered to the plant and will be installed over the sludge bin to keep water out prior to the wet weather season.
- Variable frequency drives (VFD’s) were ordered and received for the recirculation pumps. Both VFD’s were installed. The only remaining piece is to fabricate a spool section. Once fabricated a plant shutdown will be needed to install the spool and flowmeter into the recirculation line. The plant shutdown will occur either at the end of July or August 2024 prior to the high flows.
- A regular sludge wasting schedule was kept with a total of 75k gallons dewatered,

Effluent Disposal

- Bowers and Hoskins irrigation were initiated for the season on June 3, 2024. As of June 28, 2024, Hoskins irrigation has disposed of 30 acre-ft.
- Ione has begun to receive flows from ARSA at 0.3 acre-ft per day. During conversations with Ione, it is estimated that Ione has disposed of 157 acre-ft as of the end of June.
- Ongoing maintenance of the cattle water troughs along the pipeline. Irrigation sprinklers and valves are being repaired constantly
- Performing weed and rodent abatement at the three reservoirs. Weed eating has been performed on the inside and outside face of Preston reservoir.
- Sending weekly updates to the Regional Board on reservoir levels and volumes.
- Daily flow checks and level readings.

Streets and City Right of Way.

- **Eureka Road overlay** was completed on July 4, 2024. Stripping was completed on July 11, 2024. All that is left is for final acceptance by the City. See pictures below.
- **Oro-Madre Road.** A pre-construction meeting was held on July 9, 2024. Construction of the new manholes on Oro-Madre will begin on **July 15, 2024**. The overlay will be complete by August 2, 2024.
- **Liquid Amber Removal** - On June 26, 2024, Old Rte. Hwy 49 was closed to remove a large liquid amber tree that had become a hazard to the public in the storm drain system at Ryland drive. While the road was closed, the PW team did some brush cutting on the south side of the road (finishing the road maintenance that was previously done on the North side a few months ago). A tree that was falling down over Hwy 49 was also removed.
- **Radar Sign on Gopher Flat** – The third radar sign was installed on Gopher flat for traffic traveling into town (Eastbound). See picture below.
- **School Crosswalks** - The public works team installed yellow thermo on three sets of crosswalks during the month of June and early July on Spanish street. The City received permission from the School district to update all crosswalks around Amador High school to maintain continuity (two City already done and two School district scheduled in late July).
- **Potholes** were filled with cold patch on numerous streets

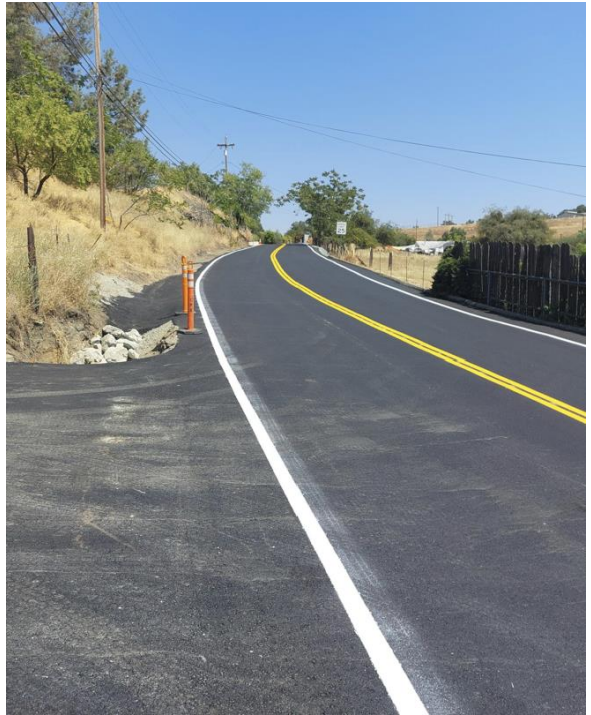
Parks and Buildings

- **Temporary AC unit** - has been installed in the Monte Verde store in anticipation of a new HVAC system under a possible energy efficiency grant.
- Replacement parts have been ordered for the Mini-Provis park women's bathroom sink. The faucet is currently operational but runs longer than designed due to a malfunctioning part.
- **Volleyball in the Auditorium** - In-floor volleyball sleeves have been installed in the Auditorium (see picture below) with the help of James Lynch PE teacher with the Amador County Unified School District. A big thanks to James for donating his time and expertise to work with the PW crew and getting these installed. With his help, Sutter Creek can offer one indoor Volleyball court to the community. More to come on this exciting expansion of the Auditorium capabilities.
- The City permit application has been submitted for the Creek cleaning. The NOE was filed with the county.

Service Requests

Responded to seven service requests in June.

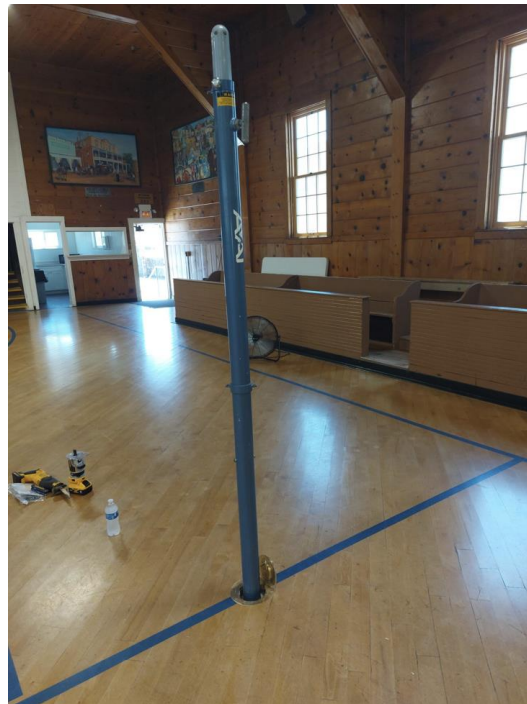
- Two were for street issues;
- One was for a sewer issue
- One was for a park issue
- One was for a facility issue;
- Three were forwarded to Code enforcement.



Eureka Rd Overlay



Gopher Flat Radar Sign



Volleyball Court