

**STAFF REPORT**

**TO: TOM DUBOIS, CITY MANAGER**  
**MEETING DATE: MAY 20, 2024**  
**FROM: DAN LAFONTAINE PUBLIC WORKS DIRECTOR**  
**SUBJECT: PUBLIC WORKS DEPARTMENT REPORT FOR APRIL 2024**

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

**Wastewater Treatment Plant Status:**

The WWTP did meet all the effluent quality discharge requirements for the month of February.

**Table 1. Monthly Status of required reporting constituents.**

Constituent	Monthly Results	Monthly Limits
Monthly Influent Flow	13.13 MG 0.438 MGD daily avg	0.48mgd <sup>1</sup>
Effluent BOD, mg/L	12 mg/L	30 mg/l
Effluent Settleable Matter, mL/L	< 0.1 ml/L	0.5 ml/l
Effluent TSS, mg/L	13 mg/L	30 mg/l
Total Coliform, MPN	< 1.8 mpn	23 mpn
Sludge Wasted	36,572 gallons	N/A
Rain	2.14 in.	25.92 in. YTD – 51.94” Last YTD

<sup>1</sup> The 0.48 mgd is daily dry weather flow (May through October).

*Plant Compliance Issues:*

- The March 2024 monthly report was electronically submitted to the Regional Water Quality Control Board.
- A no-spill report was submitted for April 2024 for the California Integrated Water Quality System (CIWQS)

*Operational Strategy Modifications:*

- The rag bin was hauled and replaced with a new one on April 8, 2024.
- A regular sludge wasting schedule was kept with a total of 36k gallons dewatered.
- Two of the roto-strainer drums were removed for refurbishment (see pictures below). The plant is currently operating on one roto strainer until the drums can be returned.
- The E-pond aerator has been removed from the pond and a replacement motor will be ordered and installed. The old motor will be refurbished and kept as a spare.
- Sludge from the sludge drying areas below the clarifiers was removed.

## **Collection System Status:**

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### *CIP work*

- The Sutter Oaks pipe bursting project is nearing completion. A final checklist was prepared and sent to the contractor at the beginning of May.

### *SSMP Activity*

#### Calls for service

- 4/16/2024; Greenstone Tr. Water coming out of street. AWA had a raw water leak that was repaired after a few days.
- 4/24/2024; 60 Pleasant Dr. Private lateral issue.
- 4/26/2024; 60 Greenstone Tr. Private lateral issue.

#### Sewer System Cleaning and Maintenance.

- For April 2024, there was 1,469 feet of sewer line cleaned. Total amount cleaned for 2024 is 7,311ft. The total for 2023 was 31,023 feet.

## **Service Requests**

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Responded to three service requests in April.

- Two were for sewer issues
- One was referred for code enforcement.

## **Effluent Disposal**

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- Bowers, Hoskins, and Preston Irrigation off for the season.
- Ongoing maintenance of the cattle water troughs along the pipeline.
- Performing weed and rodent abatement at the three reservoirs.
- Ione began to accept treated wastewater from the ARSA system in late April.
- Sending weekly updates to the Regional Board on reservoir levels and volumes.
- Daily flow checks and level readings.

## **Streets and City Right of Way.**

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- A small sink hole (approximately 2 by 2) was found in the parking lot off Eureka Street over a utility service. The sink hole was caused by improper backfill and the hole was backfilled and covered up with an asphalt patch.
- Potholes filled with cold patch on numerous streets.
- A stop sign was facing the wrong way on Anna and Elm St.
- One of the Radar signs was installed on Valley View
- Ongoing cleaning of streets and roads for weeds and leaf removal.
- The City through CRWA has prepared a grant application to receive monies for the repair of the Karsand culvert.
- Phase 1 of the sidewalk shaving project was completed in the downtown sidewalks. All trip hazards above ½-inch were grinded down.
- Request for proposals were requested for the Eureka Road and the Oro Madre Way overlay projects on May 8<sup>th</sup>, and May 15<sup>th</sup>, respectively.

## Parks and Buildings

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- The Cribbs Baseball field water fountain replacement parts were received, and the fountain was returned to service.
- Public works is working with the school district to develop a plan to modify the Auditorium floor to allow for indoor volleyball.
- The pool crack has been repaired. PW is replacing lights in the pool. Pool deck shaving will occur to remove all of the tripping hazards prior to opening. The pool opening is on track for Memorial day weekend.



Roto-strainer drums with holes