

TCSD CPO Monthly Operation/Maintenance Report

May 2024

General Plant Operation/Maintenance

- Daily plant maintenance/housekeeping
- Daily/Monthly/Semi-Annual sampling and reporting
- Data collecting/recording /reporting
- SCADA monitoring
- Compliance enforcement
- Scheduling
- Equipment cleaning/maintenance/calibrating
- Exercise equipment/valves
- SSO prevention
- Safety enforcement/prevention is performed daily through a facility safety walk and regular inspections.

Safety Report

- No safety accidents or near misses
- A safety meeting was held on May 14th with the topic of Driving in Wet Weather.

Call out/Plug up/Spill/Collection System

Multiple USAN line location and markings were performed.
High school private lateral and outfall line is checked regularly.

- A call-out occurred on May 3rd to 18453 Chestnut Ave. during normal working hours. The house experiencing sewer issues was connected to a combined private lateral. Staff did not perform a one-time courtesy flush out of fear of “blowing up toilets” in the non-complaint building, Burns Refuge. The customer was advised to call a plumber.
- A call-out occurred on May 10th to 18608 Laurel Ave. during non-working hours; however, the customer only left a message on the office phone and did not call the on-call number. Staff responded the next morning and advised the customer they needed to call a plumber.
- A call-out occurred on May 11th to segment A56 during non-working hours. This is one of the only segments that staff have not been able to locate the end of segment cleanout. It was assumed by the responding operator that a large tree limb fell and damaged the thought-to-be shallow sewer main. Staff mobilized the mini excavator onsite the following Monday and unearthed the mainline. WE then cut an opening into the pipe for better access and CCTV inspection. Staff determined where the blockage was and was able to hydro-jet the blockage through the same opening. The pipe was patched and the pit backfilled.

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- Staff returned to Parks & Rec's outdoor theater bathrooms to make the final connection following Parks & Rec installing the sewer lateral up to the mainline easement. When unearthing the mainline back on April 22nd, a two-inch hole was found on the mainline sidewall, allowing large amounts of I&I into the collection system. Coincidentally, the mainline connection for the new bathrooms was made utilizing this unknown opening.
- On May 2nd, following the May Regular Meeting, staff extended the temporary downspout drain system using lay-flat hose to discharge out to Bay Avenue. Sandbags were placed to secure the hose, and safety cones were positioned to warn pedestrians of the tripping hazard.
- On May 14th, staff removed the six trench plates placed by Mozingo in the East Bay Alley. We placed them with the two newly purchased District trench plates and backfilled the rest of the exposed trench. The trench was still heavily saturated so staff backfilled using drain rock and weight of the backhoe to push the aggregate deep into the soggy trench. Monitoring the site since then revealed slight settling, but nothing to be concerned about. If settling worsens, staff will add more material. Mozingo's trench plates were picked up the Following week.
- Staff met with TUD on Apple Colony Road to advise them of private laterals that could conflict with their now-occurring water main replacement project.
- District Engineer and District staff reviewed proposed changes to the Black Oak Casino Hotel Expansion Project. Comments/conditions on approval was then sent to TEDA on May 24th.

Plant Operations

Additional activity performed at the Plant, above and beyond daily general operations and maintenance

- A mandatory pre-bid site walkthrough for phase-II of WWTP improvements was conducted on May 2nd. A total of six contractors showed up to the meeting. Only two bids were received, and opened on May 22nd.
- The first round of bi-annual groundwater sampling was conducted by Condor Earth Technologies on May 11th.

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Apply Colony Lift Station

- Daily Apple Colony lift station inspections performed as required by SDRMA

Bakers Reservoir and Dam/Outfall line

- Freeboard is roughly at 5.3ft. as of May 28th.
- The Waste Discharge Requirements (WDR) requires annual sampling of standard minerals on our final effluent. Annual samples of Turnback Creek are also required. Those annual samples were collected and sent to the lab on May 15th.

Administrative

- Operator Adam Artzer has submitted his letter of resignation after landing a job working for the city of San Francisco at Hetch Hetchy. His last day of employment with the District is scheduled to be June 6th. Todd Ingalls has been hired back following the end of his teaching contract. He will help out with one on-call rotation in June, and will officially start working full-time one July 1.
- I am pleased to report that I took, and passed, the California Wastewater Grade-V examination. The District now employs the highest graded wastewater operator within Tuolumne County.

End of Report

Ben Kikugawa, Chief Plant Operator

May 30, 2024