



DATE: November 14th, 2024
TO: Members of the Board of Directors
FROM: John Gibson, Chief Plant Operator
SUBJECT: OCTOBER 2024 OPERATION REPORT

Regulatory Compliance

- CIWQS “No spill certification” was submitted for the month of November.
- CIWQS submitted 3rd quarter Electronic Self-Monitoring Report and Discharge Monitoring Reports.
- Sewer lateral inspection completed, and certificate of compliance issued to 8580 Graton Rd.

Sampling and Monitoring

- Recycled Water usage for October: Graton CSD – 3.987 MG
- Completed CAM 17 Total metals testing of the influent rags & grit, requirement of Waste Management.
- Conducted all required daily, weekly, and monthly sampling and analysis as per the NPDES permit.

Operations Report: Operations, Process Control, and Preventative Maintenance

The following activities were carried out as part of our ongoing efforts to ensure efficient operations, maintain process control, and implement preventative maintenance measures:

Lift Station #1, installation of new pump and slide rail system.



Miksis Services evacuated the lift station wet well prior to PumpMan’s installation work. The operators temporarily plugged the collection system and diverted the sewage flow around the lift station into the force main, ensuring the wet well remained empty for the duration of the installation.



Original piping and slide rail system to be replaced.



PumpMan removing a section of ductile pipe from the wet well.





Photos of the removed piping suggest that the condition of the remaining force main is likely to be similar.





New Ebara 15Hp pump and floor mounted elbow.

Slide rail system installed with Schedule 80 piping. Additionally, a repair was made to the left effluent pipe due to a large crack in the ductile iron (DI) pipe. See the photos above for reference.



The installation of the new slide rail system was completed, and the annual cleaning of the wet well was successfully performed. With the new standard rail system in place, GCS D now has more flexibility for future pump replacements. The system was tested, and no leaks were detected. With the upgraded system, the mating surfaces of the pumps and bottom elbows seated properly without any bypass. As a result, the time required to pump down the wet well was reduced by one-third.