



DATE: June 6th, 2023

TO: Members of the Board of Directors

FROM: John Gibson, Chief Plant Operator

SUBJECT: OPERATION REPORT: June, 2023

Regulatory Compliance

- CIWQS: Submitted June “No Spill Report”.
- CIWQS: Submitted the annual collection system questionnaire.

Sampling and Monitoring

- Daily lab sampling and analysis at monitoring locations EFF-001
- Weekly sampling and analysis at monitoring locations EFF-001 & REC-001
- Monthly sampling and analysis for monitoring locations INF-001 & REC-001
- Completed the 2nd quarter groundwater monitoring and sampling.

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:

1. Irrigation:

- Firescape completed the mowing of the Districts 20-acre irrigation field.
- The reclamation system underwent testing, and necessary repairs were made, including the replacement of broken pvc pipes and worn out sprinklers.
- Finished compost was evenly spread across the West irrigation field.

2. District Vehicle:

- Benedetti Tire conducted a diagnosis of a check engine light on the 2002 Ford Ranger. The cause was a faulty O2 sensor. The sensor was replaced and the check engine light cleared.

3. Lift Station #1 Backup Generator:

- The generator received a comprehensive service, including an oil and filter change, inspection of the serpentine belt, electrical components, hoses, air filter, and fluid levels.
- During a routine test on the backup generator, the main breaker was disengaged. However, when attempting to flip the breaker back into its normal operating position, operators noticed an unusually high resistance. Mike Brown Electric, the original installer of the breaker, was contacted and visited the lift station to diagnose the issue. It was determined that the breaker needs to be replaced, and arrangements are currently being made with PGE to schedule a power supply disconnect for the replacement process.



4. Flushing and Treatment:

- Conducted weekly flushing of the SAF rotary gear pump and froth system using a rust inhibitor. This preventive measure aims to prevent pump seizing and minimize the need for callouts.
- Conducted weekly cleaning and flushing of the 1748E turbidity meters and piping.

5. Weed Abatement:

- Implemented weed abatement measures around plant roadways and at Lift Station #1.

6. Solar Panels:

The installation of the floating solar panels in the West holding pond has been completed successfully, and they are now fully operational.

