

GCSD Highlight

- Staff's performance was especially exceptional this month as they faced a plethora of operational challenges due to the multiple storm events. These challenges included:
 1. Four water breaks discovered and repaired during the storms
 2. Multiple power outages requiring extensive staff time checking and refilling District generators (used approximately 2,000 gallons of diesel fuel), checking lift stations, water plants, sewer plant, to ensure continued operation.
 3. Sewer Force Main Break SSO
 4. Sewer line repair to remove root intrusion

Many of these operational challenges occurred after hours after staff had already worked a full day.

Capital Projects

- Coordinated with Contractors on the bidding of the Reservoir 1 Valve and vault rehab project.
- Met Po at Lifts Station 1 for easement/property line concerns. (Lot Cleanup)
- Worked with District Engineer on the feasibility of Sewer Main Line Extension.
- Coordinated with Taylor Construction for the Concrete work for the Drying Pad Project.





Water

- Performed weekly checks and calibrations on all analyzers at 2G, BC, and AWS.
- Performed monthly UV calibrations at 2G and BC.
- Took weekly plant and distribution samples.
- Monitored Distribution Tank weekly.
- Worked/operated AWS (adjusting chemical pumps, calibrating monitoring equipment) and worked with STS on computer reporting issue.
- Submitted monthly Water Treatment Report and Conservation Report.
- Completed weekly checks on Tank 4 (Building, Pneumatic Tank, Pumps and MCC Cabinet) and Highlands Pump stations (Building, pumps and MCC Cabinet).
- Monthly lock offs due to nonpayment.
- Repaired broken Hydrant on Clements Road (Broken Breakaway on the shaft)
- Repaired Hydrant
- Repaired Pump Control valve for Dunn Ct Turbine.
- Installed a new sight glass on the CCT at AWS, repaired Booster Pump Trailer Main Power Connection.
- Worked with Kevin's Crane and removed Big Creek Turbine Pump House for upcoming repair.
- Cleaned out meter boxes' and around Hydrants in Unit 1.
- Dug up meter in Town and loosened curb stop to shut off meter for PO water line repair.

Water Breaks

- Total of 4 Service Tube Breaks. Dyer Ct, Ferretti Rd 3-491, Muller 5-202 and unit 3 lot 211.

Wastewater:

- Took monthly reservoir samples and weekly plant samples.
- Chemical and Hydro flushed multiple gravity lines throughout the District.
- Submitted monthly Wastewater Report.
- Completed weekly (PMCS) Preventative Maintenance Checks and Services of all Lift Station.

- Worked with District Engineer on Sanitary Sewer Management Plan (SSMP).
- Diagnosed Lift Station #12 Communication Fail alarms.(faulty Plug in the Cabinet)
- Completed Manhole Inspections for Groveland and Big Oak Flat.
- Repaired Blowers for the Sewer Treatment Plant.(Blown Fuses and Broken Belts)
- Staged Rain for Rent Pump by Sewer Treatment plant Headworks for standby.
- Lift Station 1, 15 and (16 easement) road maintenance down trees removed and rocked Ls15 road to fill in holes from past storms.
- Replaced GFI outlet for the Sewer Treatment Plant.
- Changed out UPS Batteries at LS 2, 4, 8 &9.
- While performing Manhole Inspections on LS 16 Break over staff had concerns that we might have an I&I problem with a section of that line. Staff ran a CCTV Camera but did not locate any problem with that suspected section, we will check back during a rain event.
- Replaced the sump pump in Lift Station 16 drywell.
- Updated all phone numbers in all Lift Station Auto Dialers and tested.
- Took light tower to Lift Station 4 and used Generator to pump down station.
- Repaired Chlorine leak on the STP Chlorine Generator brine pump.
- **SSO at 13080 Gamble Street**

Flow as diverted to Lift Station #10 by building a berm in the trench and opening the property owner cleanout allowing it to return to the collection system. District Crew used sand bags to slow upstream creek flow, staff then Vacuumed up creek and surrounding area affected by the spill. Staff then excavated the 4" PVC Force Main, located the failed section, drained back Force Main into Lift Station #10, cut and repaired a 3' section of failed 4" PVC. All contaminated soil was removed, hauled back to the District yard and disposed of, 12 yards total. New material was brought in (sand, dirt) brought to grade and compacted. Area was then graded out treated with a chlorine solution and straw laid down for erosion control.





- Po called in about a possible sewer clog. Staff pushed a CCTV Camera in the Gravity Line next to LS 11 found roots at interconnection of main line and private lateral. Staff dug up the line, removed the roots, repaired the line and brought back in service.





Maintenance

- Completed weekly Generator Checks.
- Coordinated with PH Electric on District Parking Lights (installed 5 new poles and 9 Lights) all District Street lights are now LED.
- Adjusted parking brake on the Old Backhoe
- Changed out the battery on Truck 8.
- Burned piles next to District Spray Fields.
- R&R on District Spray Field Roads.
- Took Engine 788 to Sierra Motors and Buck Auto Body to get quotes for damaged driver side door.
- Cleaned and covered Operations Build Roof with plastic due to leaks over the SCADA Computers.
- Completed routine service on Truck 18.
- Installed new filters for the E-Basin Blowers.
- Replaced Truck 3 door handle.
- Took the New Backhoe to the Tire Shop and had them install new Tires.
- Rebuilt the wiper control valve for the Dump Truck.
- Checked Fire Department shower for possible leak. Shower has been leaking witch is causing sub floor rot.
- Completed routine service and 90 day BIT Inspection on Engine 781.

After Hour Call Outs

- 2 Sewer
- 6 Water
- 2 Admin