

**Christian Valley Park CSD
Water Report – May 2021
(Preliminary Submittal – 6/11/2021)**

Water Plant Operation and Maintenance

1. Average flow for the month 0.481 MGD raw water was 1.3 NTU.

Water Line Repairs and Call Outs

1. 5229 Westridge Avenue - After hours response to leak on customer side. Met with customer, shutdown water and left tool so they could turn water back on.
2. 2345 Christian Valley Road - Repaired service line. Root had broken service line.
3. 2527 Christian Valley Road – completed repair on service line leak – customer had coupling that started to leak after repair of District’s side of service. Removed coupling and replumbed.
4. Witt Road – very small leak, monitoring, unclear if it is on the main or service line up the road. Monitoring – surface is dry, but moisture still present – will monitor.
5. 3400 Christian Valley Road – customer request shut off.
6. Gava Ct – Customer request shut off, and returned to turn water on after they had finished.

Miscellaneous

1. Completed replumbing of Pump 2 at tank pump station (new valve and suction line). Restarted pump, would not prime. Pulled pump and found that impellor bolt had failed, took pump to Commercial Pump, they were able to extract bolt from motor shaft, installed new seal. Pump reinstalled and tested fine.
2. Hydro-pneumatic tank panel failed. Diagnosed issue and found fuse failed. Replaced and restarted, has been running fine since.
3. Streaming Current Meter at WTP had a motor that failed. Critical instrument for setting chemical dosages, ordered and replaced the motor.

Capital Improvements

1. Misc clean up of wiring on actuators.

Upcoming Work

1. Clean sludge basin – have to be delayed until Fall due to high demands and limited storage.
2. Filter inspections – purchased gasket material need to schedule, hoping for cool down. Replacing gaskets on lower manways will have to wait until fall due to high demands and the limited storage.
3. EAR and CCRs for regulatory reporting – working on reports.

Storage Tank Project Update

1. Operational as of June 11 and filled. Began feeding system afternoon of June 11th after water quality tests were finalized.
2. Site piping tied into the system, still operating on combination of temporary piping and permanent piping. Will begin removal of temporary piping in the near future.
3. Site fencing
 - a. Enclose entire site - contractor is looking at and will let us know cost differential
 - b. Additional section of wood fence on eastern portion of the neighbor’s property.
4. Three outstanding change orders being processed:

- a. CO 4 – Tank Pad – contractor contending soils under Tank 2 were unsuitable and delayed them and necessitated need to import aggregate base rock – amount requested was \$47,000. Have rejected their request in two separate letters.
 - b. CO5 - COVID/Milestone 2
 - i. Contractor and USDA signed – closed
 - c. CO6 – Trench Backfill – contractor contends that they could not utilize onsite soils for trench backfill – similar to CO4. Have not responded, could deny similar to CO4 reasoning.
5. PP12 is being processed and will be submitted – based on progress this period construction total of about \$200,000 for PRT invoice (w/o retainage).
 6. Tank 2 online, back to full storage capacity.



Tank 2 in foreground



Interior of Tank 2 prior to coating – green color is the zinc primer



Interior of Tank 2 - Sand blasting and prepping for stripe coat



Intermediate coat - note pink tint to distinguish from top coat (white)



Top coat - white



Exterior painting - top coat (green) over intermediate coat (white)