

Operations Report

6/7/2019

Water Plant

The water plant is running smooth, average daily flows are around 1.5 MGD and rising quickly with the irrigation systems beginning to get fired up. The plant is currently being run at 5.7 MGD which is roughly 4000 GPM, the idea is to run the plant at a high rate during the day and fill the clearwells to maximum capacity and use automation during the evenings to satisfy demand. I have created for the operators a useful spreadsheet to help to predict flowrates and fill times.

The backwash pond dewatering is complete, the Geotubes will now begin their drying process. Once they are dry we will coordinate with CDPHE on the samples that they would like taken, in order to determine where we can dispose of the sludge. The decant waters condition was poor therefore we discharged it as retreating was not an option.

The Republic dumpster is full and ready to be picked up. This contains the Draid bags of sludge that we have accumulated over the past several months. We are still looking at options to get rid of the sludge on hand in the reclaims and future sludge generated.

Sterling Ranch CAB requested RWSD provide a tour of the WTP for their residents on May 21st due to poor weather the tour was rescheduled to June 14th. RWSD will provide two tour guides, myself and Barb will attend. Dominion will be billed appropriately for the hours through our operating agreement.

UVR 502 has suffered damage to an internal guide rail that is necessary to use the lens wipers. We have placed a warranty claim in with Garney. Garney is working with the manufacture Trojan on how to best repair.

In May the WTP produced 33 million gallons of treated water, 9.7 million of that was produced for Sterling Ranch.

Lift Stations

The lift stations are running smooth, we have pulled one of the pumps in the Roxborough Lift Station and sent it in for a seal repair. We have received and authorized the repair, there was damage to the seal, shaft and impeller. RWSD has a stainless steel impeller sitting on the shelf that we will provide.

We are still waiting on the new pressure sustaining valve for the transition vault. Once it arrives Garney will install it for us.

Bid opening for the paving projects and meter vault installation was on 6/6. We received two bids which were both attractive and close. TST will report on the price and look for authorization to proceed.

In May we pumped 23 million gallons of wastewater to Littleton/ Englewood, 1 million was conveyed for Sterling Ranch.

Field

In the month of May 625 locates were responded to, 341 for Sterling Ranch & 284 for RWSD.

Field staff continues replacing meters, today we have approximately 1177 of the new meters installed. We are actively installing meters in all the new service line connections associated with the NWDC project. Currently we have 71 installed in Chatfield East, 34 installed in Chatfield Acres and 18 in PVH.

Valve turning has begun in the Village, they are currently turning valves on the east & west sides of the village using both vac trailers.

Preliminary walk-thru has occurred for the Zone 3 – 4 bypass project, we have identified that due to the extreme depths of the water mains to reevaluate the need for this project. We believe when the zone 3 pump station is paved it may allow us to get the trailer to the current bypass we already had.

The Titan Road Lift Station has been down to one pump for nearly 2 months now. Sterling Ranch is working with Mortenson on getting the lift station repaired. They have committed to temporarily fixing the discharge piping on 6/11 and then doing a full evaluation noting all the stations deficiencies. Once that is done the station will need to be bypassed and properly repaired.