

Operations Report

7/8/2019

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, however the recent rains are helping out tremendously. The plant is currently being run at 6.0 MGD which is roughly 4200 GPM.

The backwash pond dewatering is complete, the remainder of the work is dredging the pond of the remaining residuals. We have direction from CDPHE on the samples they would like taken in order to determine where we can dispose of the sludge, we have confirmed with CDPHE the our labs procedures qualify.

The Republic dumpster has been filled and hauled off, another dumpster was dropped off to be filled with more sludge from the new plants reclamation basins. We have a demo for a Rotary Fan Drying Press coming up and we also have found a centrifuge rental company out of California that we are looking to get in and dewater the backed up sludge. The plan then it to develop a baseline and design the process around that.

Sterling Ranch CAB had a tour of the plant for some of their residents which went very smooth.

UVR 502 has been repaired and is back in operation, Garney was very helpful in the repair process.

In June the WTP produced 57 million gallons of treated water, 18 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. The pump had more damage than originally noted the repair will also include a shaft and impeller replacement.

The new pressure sustaining valve for the transition vault is finally in our hands, we are working on getting Garney scheduled to install it for us.

The paving project is getting ready to start in the next week or two.

In June we pumped 20 million gallons of wastewater to Littleton/ Englewood, 1 million was conveyed for Sterling Ranch.

Field

In the month of June 632 locates were responded to, 352 for Sterling Ranch & 280 for RWSD.

Field staff continues replacing meters, today we have approximately 1193 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 77 installed in Chatfield East, 35 installed in Chatfield Acres and 18 in PVH.

After the Titan Road Lift Station has been down to one pump for over 2 months the repair has been made. Dominion is having a full condition assessment be done on the lift station to identify all of the issues noted and is going to try and work through Mortenson to get it repaired before they will accept it from the CAB.

Ravenna has made numerous complaints regarding pressure after coming on to our system, we realize they have gone from being a pressurized system to a gravity system and are working on a solution for them that will be funded by them and run through the loan. Anything that I could do quickly has been done. Anything further needed to address the remaining zones will need to be issued through a change order with Redline. The addition of a small service line to extend a pressure zone is being looked at and the relocation of a couple PRV's is also being considered.