

Operations Report July 2018

Water Plant

The water treatment plant is running great, we are producing a lot of water with the warm summer days and the continuing Sterling Ranch Construction. Current daily average of production is around 2 MGD and is anticipated to only go up as we move into August.

We only have a few outstanding construction items the Garney is taking care of, there are still multiple VAV's that are having issues and we had an issue with the backwash recycle UV reactor. After receiving alarms stating there was an issue with the UV's lens wiping system the operators performed troubleshooting procedures. Final step was to disassemble the unit and physically look for the object causing the blockage, they found a chunk of concrete that was clearly construction debris. A small plastic drive nut was damaged as a result of the hang up, parts have been ordered and Garney has committed to perform the repair.

The Sterling Ranch Pioneers Club has requested to host an event at the new treatment plant on the night of July 31st, at this event they will host a dinner and have requested tours from RWSD operators of the plant. We have agreed to the request and will charge them under additional services for the staff time spent on the event.

In the month of June RWSD treated 58 million gallons of water, 7 million of that went to Sterling Ranch.

Lift Stations

The lift stations are running smooth, there is one of the muffin monster influent channel grinders that is in need of repair at the Waterton lift station. Our rep from Misco has the JWC manufactures in town on the 18th and are going to visit the lift station and scope the repair. We will likely participate in the exchange program for the repair like we have done in the past for repair on the other grinders.


In the month of June 18 million gallons of sewage was pumped to Littleton Englewood WWTP, 336K was sent conveyed for Sterling Ranch.

Field

The field remains busy as usual, in the month of June there were 588 locates that we responded to, the majority of them were in Sterling Ranch. Fire hydrant maintenance in Sterling Ranch is complete and valve turning has begun, the summer helpers have been instrumental in this process. Fire hydrant maintenance in our district has also begun, the village is nearly complete and they have moved into the park. Valve turning will begin soon after that. The operators have been working hard on meter swaps for the year as stated prior we are focusing our efforts to outside meters in the Village until the new LTE technology is released because the ATT service is spotty towards the back of the park.

PA13 is installing infrastructure rapidly in the park, sewer is complete and the lower half of water has been installed and passed its high chlorine test and we are awaiting results on the Bac T.

The 2018 Westside Water Replacement project is going good, segments 1 & 4 are complete and in service. Work has started on segment 2, the temp water system is in service and mainline installation has started. Approximately 115' of mainline has been installed in segment 2 so far.



Old Water Treatment Plant demolition is underway, all of the windows are removed and have been abated properly due to the lead based window glaze, a pipe in the clarifier was identified having asbestos in the coating which required proper abatement of it was well, that work has been completed and demolition of that structure will begin soon. The parts RWSD has identified need salvaged from the old plant have started being removed and delivered to the new storage building for storage. We believe demolition of the WTP building will start sometime in the week of 7/16 or early the week after. The contractor has stated he thinks they will be out in 75 days or less.

Lead & Copper testing for the first half of this year's requirements under RWSD PWSID has been completed, 60/60 tests have been submitted and analyzed. CDPHE paperwork has been completed and submitted to the state, the 90th percentile results were very satisfactory. Second half testing for RWSD will start very soon along with our RNWDC annual testing for a total of 70 more tests to do this year.