

## **Operations Report 8-19-2020**

### **Water Plant**

The water treatment plant has been running smoothly. Water flows have begun to increase requiring daily operation of the plant now. In July, the plant was operational for all **31** days with an average plant production of 2.45 MGD.

We continue to manage the built-up sludge in the reclaim basins, the east basin is nearly complete, and we will manage the west basin next. We are currently using the sludge dewatering boxes, one of which we own and one which we rent. This has proven to be the most effective way for rapid sludge removal.

Velocity has installed all the pipe and electrical related to the HSP addition project, start-up was scheduled and completed the week of 7/6. The project went very smooth overall.

Kelley Trucking has been given the scope to proceed with the earth removal from the bottom of the old backwash pond after receiving the results back from the lab. Generally, they will be removing 18" of earth from the bottom of the pond and 24" in one isolated section. Kelley believes this should be a couple day task and is looking to get us on the schedule.

July production was **60.2** million gallons of treated water, **15.5** million gallons was for Sterling Ranch.

We have started the interview process by conducting phone screening on 4 qualified applicants. 3 of which have conducted the onsite half day screening process, 1 dropped out. The next step is to perform final interview and selection process, this will likely be between 2 candidates.

### **Lift Stations**

The lift stations are running smoothly. We have conducted the pre-construction meeting with Velocity for the 4<sup>th</sup> pump addition at the lift station, next step will be getting the submittals through for the long lead items and getting them ordered. Some demo work and electrical can take place while the long lead items are being built.

July saw **20** million gallons of sewage pumped to Littleton-Englewood. Approximately **2.5** million was conveyed for Sterling Ranch.

## Field

Summer helpers are done for the 2020 season, we were fortunate enough to fill the slots with 4 well qualified helpers.

The field remains busy for July with over **456** locates with the majority in Sterling Ranch. A total of **150** were for Roxborough.

Lead & Copper requirements for the year have been satisfied, all the results were satisfactory. Big thanks to Lisa and Mary Beth for streamlining the process for this year and greatly reducing the burden this has put on the Operators in the past.

Design for the water and sewer line replacement continues the locate and survey on the sewer service lines is complete. Future meetings will include the RP Foundation and ultimately meetings with the homeowners.

Dominion is in the middle of their odor study; they have let us know the H<sub>2</sub>S data they are receiving is much higher than they expected and correlates with our data. Once they finish their pilot, we have offered to run a pilot with chemical addition to prove its effectiveness.