

## **Operations Report 2-20-19**

### **Water Plant**

The water plant is running smooth, current flows are averaging around 0.700 MGD. We have implemented some scheduling changes to better utilize the design of the new plant and help reduce operator overtime. We are working with CDPHE to get approval to use the Ultra Violet light as our primary disinfection, currently we are still reporting on our old MOR (monthly operating report). As a result of this we are having difficulties achieving the proper disinfection ratios on the old MOR. In order to make the schedule work the plant needs to be able to run at a high rate in the winter to fill all storage in the distribution system and the new plant. This will allow the plant to remain off on the weekends during the winter and utilize storage in the system to satisfy Saturdays demand and the extra storage in the clearwells to satisfy Sunday's demands. The schedule in the summer has also been modified to reduce operator overtime, reduce long shifts and utilize automation in the plant.

We continue to run the pilot test on the sludge dewatering unit, so far we have around 200 bags of sludge dewatered. We have received satisfactory test results that will allow us to dispose of the sludge locally. We are working with Waste Management to receive the proper manifests and roll off container.

Reynolds has completed all of the WTP Site Improvements project and punch list, that project is complete and done to our satisfaction.

We are still having continued issues with the HVAC systems sporadically throughout the plant as well as continued issues with the hot water heater in the reclaim basin.

In January the plant produced 20 million gallons of treated water, 5.5 million of that was sent to Sterling Ranch.

### **Lift Stations**

The lift stations are running smooth, we recently had our first kick off meeting for the lift station site improvements project we have scoped for 2019. This project involves some paving, some snow guards and the addition of the Waterton lift stations receiving flow meters.

In January we pumped 19.9 million gallons of sewage to Littleton Englewood. Just less than 1 million of that was conveyed for Sterling Ranch.

### **Field**

The field remains busy this month with numerous locates in Roxborough and Sterling Ranch.

We had the kick off meeting for the Zone 3 pump station site improvements project for 2019. This project will include some drainage improvements and the replacement of a couple of dead trees that have not made it over the last couple years.

The Ravenna project is going smooth and nearing the end. The Ravenna tank has been cleaned and is getting ready to be filled and put into service, the east connection is in service and the north connection is waiting on some controls. Some additional days will be added to the project as a result of these delays in parts.

