

Operations Report April, 2018

Water Plant

The water plant is running smooth flows are upwards of 1.0 MGD currently, we have noticed that lots of irrigation systems have been turned on as the flows are beginning to steadily increase. The Ammonia system has been tested and turned on for the chloramination conversion, which has been done. The conversion went smooth and we are now utilizing chloramines for our disinfectant residual. Punch list work continues to wind down, Browns Hill is still addressing SCADA issues, Garney is working on continuing valve issues and some small leaking pipe penetrations. The MAU's continue to be display functionality issues and Garney is working on that also. We are preparing the water plant for the VIP tour and open house that is coming up soon. We had one of our water treatment operators resign recently so we have been interviewing for the position, we reached out to Red Rocks and Emily Griffith technical schools and requested candidates from their water and wastewater management programs. As a result of the interviews we were able to select a candidate and have offered Jonnie Messenger the position, she is coming in with 3 state certificates and pending a fourth in wastewater.

In April RWSD produced 20.6 million gallons of treated water for Roxborough and 7.1 million gallons of water for Sterling Ranch.

Lift Stations

The lift stations are running smooth we are in the process of addressing some air handling issues with the odor control blower and thinking that they are related to the odor bed. We are analyzing the problems but think that the odor bed may need rebuilt. The odor beds are simply made up of layers of compost and wood chips. We are able to acquire the mulch for free from the Roxborough Park Foundation. Operations and field staff will do the removal and installation of the new media if it comes to that.

In April RWSD pumped 20.3 of wastewater to Littleton Englewood.

Field

The field remains busy again this month, along with the chloramine conversion we had to flush all of the free chlorine out of the system and introduce the total chlorine into the system. This was done in unison with the district's annual directional flushing. All of the turnover went very smooth and the district received no complaints. Annual valve turning will begin soon as well as fire hydrant maintenance.

We are going to start on our annual meter replacement project soon as well, this year we will replace approximately 350 meters. Currently we have 938 Beacons installed in the district. We are going to focus on putting the meters in the Village until the new cellular technology that is promised is coming actually comes out before moving into the Park.

Construction on the 2018 Roxborough Village Waterline project has begun, Redline Pipeline has begun to mobilize. Temp water service will start to be set up in the first segment as one of the first activities.

We have been having some electrical issues in the lower pump station that we are trying to resolve before the irrigation flows really pick up. The electrician has narrowed it down to faulty wires between the motor starter and the motor. I have authorized those to be repaired.