

Operations Report

Water Plant

The water treatment plant has been running smooth. Winter flows remain low continuing to bring operational challenges in the distribution system. The plant only ran for 14 days in January, all of the other demands were satisfied with excess storage at the plant and in the system.

Water Technology Group has installed the new high service pump at the WTP. Velocity will complete the installation of the piping and electrical under their new contract. The VFD that we ordered for the project has arrived and is onsite as well.

We have updated all the computers at the treatment plant to Windows 10 as Windows 7 is no longer supported.

In January we produced 15 million gallons of treated water, 3.2 million gallons was sent to Sterling Ranch.

Lift Stations

The lift stations are running smooth. Mountain Peak Controls has completed their clean-up work of the SCADA system, it is all working smooth. New computers have also been installed at this site; they ran into some licensing issues so the only computer that has not been switched it the SCADA computer at that site. The licensing has been straightened out now they just need to return to the site to complete their work.

In January we pumped 20 million gallons of sewage to Littleton Englewood, almost 1.6 million was conveyed for Sterling Ranch.

Field

The field remains busy once again this month, field staff responded to over 553 locates. The majority of locates were in Sterling Ranch, only 195 were in Roxborough.

Update: National Meter is planning a few test and cellular analysis studies. They plan to conduct these tests between now and when the new cellular endpoint (LTE-MS) comes out in a few months. The field operators continue to replace the cast iron lids with composite meter lids and showing some improvements. With Windows 10 computer updates the software used to do mobile read routes is no longer supported, we are in the process of moving to Beacon Mobile by March 2020.

Design continues for a sewer main replacement on Rock Wren Run in the Park. We have completed geotechnical soils borings in the area as well as a series of potholes that will be used for survey and design. We have decided that it is in our best interest to include the replacement of the waterline in this area as part of the project.

RWSD has received odor complaints on the intersection of Waterton Rd. & Rampart Range Rd. after little investigation it was determined this was from the Titan Rd. lift stations force main. Dominion has been notified and we will work with them to resolve the H₂S since they tie into our interceptor and H₂S is very harmful to manholes and pipe constructed out of concrete.