

## **Operations Report 11-15-17**

### **Water Plant**

The new water plant is running smooth, we are still working through some start up issues. Some are related to programming while other are mechanical issues with valves etc, nothing major that isn't being addressed by the contractor. Work remaining on the original contract is nearly complete a major item that has been completed was the addition of the automatic transfer switch on the fire pump system that was required by Douglas County. The other major project related to the original contract is the storm water pond relocation that is currently in progress. We are still waiting on the sludge results taken from the old backwash pond, once those results are reviewed we can then determine how to get rid of the sludge. We will also need to make a decision on how to handle the sludge produced by the new plant based on the results we got when we tested it, TST is putting together a memo on disposal options and sludge requirements once this is received we can make a decision on permanent handling. Sterling Ranch still shows interest in our sludge flows but knowing that they are years from running the old WWTP we will need an interim solution. We have received one estimate to demolish the old plant, it came in at \$295 K with a \$30 K bid alternate to backfill the holes.

In the month of October RWSD treated 21 million gallons of water, 500 thousand went to Dominion and 660 thousand went to Ravenna.

### **Lift Stations**

The lift stations are running smooth as well in the month of October we sent 19.5 million gallons to Littleton Englewood.

### **Field**

The field remains busy for the month we are complete with our 2017 meter replacement project for the year, currently 827 meters are commissioned. No additional meters will be installed this year except for new customers and repair list meters. We now are serving 71 customers in Chatfield East & Acres combined, 21 meters in TRIP and still only 7 in PVH.

The Westside / Rampart loop project is complete, GESC permits have been transferred from PEI to RWSD as the county has allowed us to keep the staging area as-is until the completion of next year's replacement project. We have also offered to purchase the HDPE and traffic ramps from PEI to use during next year's project. These were long lead time items to secure and where the main cause of delay initially.

Cougar Run sewer line replacement is underway, as of 11/7 205' of casing pipe and carrier pipe has been bored and pushed, boring crew will now switch with a pipe crew to being installation of the manholes. The manhole installation in the cult-a-sac of Cougar Run MH AA-17-3 will

begin Friday. A private locate of the sewer service at 10790 Cougar Run has been completed in attempt to find their tap has been completed, potholing has occurred and the service was located. Video footage from the main is not available as the tap is believed to be east of the failed liner.

Lead and Copper sampling requirements for the year have been satisfied and reported to CDPHE. The next window for monitoring begins in January and goes through June, there will be another 90 samples required at that time.

The Martin Marietta service line has been installed in TRIP, we designed and installed a 2" meter to service their current property, after being hooked to the new system their portion of the service line developed a leak. They have contacted Cronen Plumbing to find the leak, evaluate it and fix it, this may have been a combination of higher pressures and weak pipe on their old portion of service line.