

## **Water Plant**

The water treatment plant has been running smoothly. Winter flows are way down for the month of December which is bringing along some operational challenges in keeping the water fresh. We have increased the amount of monitoring in the distribution system to accommodate that. The Petroleum Solids mobile centrifuge has been shipped back to California, we filled six 20-yd roll offs but the unit was hard to operate in the winter time so we will bring it back in the spring to finish up when it can run daily. FKC screw press also has a mobile trial unit that we might consider bringing out also.

We have so far toured an FKC screw press and an Andritz centrifuge both installed and operating at 2 different alum sludge water plants. Both very impressive and the operators at each facility spoke highly of them. We will tour a belt press in operation the week of 1/13 at a treatment plant in Boulder.

We have sold the old Cummins Generator from the old WTP site which was abandoned. I was able to find a local company out of Brighton that made us the best offer of \$12,000.

We have received the sludge results back and it appears the sludge from the old backwash pond can be disposed locally in the Foothill dump. TST is working on getting us manifests for disposal and we will likely contract with Veris for the hauling and removal. Additional testing is required in the pond for the close out plan and it still had traces of some TNORM constituents. Those will be gathered in the spring when we can take samples at 6", 12" & 18" below the surface to reach native soil.

Velocity was the low bidder for the high service pump addition, construction should start soon. The VFD and the pump were owner furnished and both should arrive towards the end of this month.

In December we produced 16 million gallons of treated water, including 6.7 million gallons that we sent to Sterling Ranch.

## **Lift Stations**

The lift stations are running smoothly. Mountain Peak Controls has completed their clean-up work of the SCADA system, it is all working smoothly.

HPM has completed the paving and flow meter installation at the lift station, they will need to come back in the spring to clean up some asphalt in a couple areas. Mountain Peak Controls will now add the new flow meters in the SCADA.

In December we pumped 20 million gallons of sewage to Littleton Englewood, including almost 1.6 million that we conveyed to Sterling Ranch.

## **Field**

The field remains busy once again this month, field staff responded to over 383 locates. The majority of locates were in Sterling Ranch where RWSD responded to 319.

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.

The paving at Zone 3 is complete. One punch- list item specifically related to that site is a little asphalt clean-up and repair.

We have begun the initial design for a sewer main replacement on Rock Wren Run in the Park. This sewer line has 100% sags in areas and is a disaster waiting to happen. We are planning to complete a thorough design and survey in 2020 along with lots of public outreach and construction will occur in 2021.

We are looking for approval to sell the District's 2009 Chevrolet 3500HD, we have acquired an offer of \$13,000 from Stevenson Chevrolet. The truck is over 10 years old and has recently been replaced with the Dodge diesel. The truck sits in the shop and is unused as it was former operator Brian's daily driver. We believe this is a great offer.