

Operations Report 3-20-19

Water Plant

The water plant is running smooth, we are currently averaging around 0.700 MGD. We are begging to change our operations strategy to get the plant ready for summer time. We working on speeding up the filters and getting the Actiflo trains ready to run high rate. We have now received CDPHE approval to operate the plant as intended using our disinfection credits from the UV system. This allows us to run at higher rates, especially in the winter, while still maintaining proper disinfection ratios.

We continue to operate the Draidad dewatering unit while waiting on approval to dispose of the sludge. Currently we have around 300 bags to dispose of, Waste Management has indicated that local disposal should be an option pending a few more tests they have requested.

In February the plant produced 20 million gallons, 5.2 million gallons was sent to Sterling Ranch.

Lift Stations

The lift stations are running smooth, no issues to report on. We have signed the contract to have the force mains cleaned this year, this is a process called pigging. By sending foam balls through the line is scours the walls of the pipe of build-up and grease. The cleaning is scoped to take place in the middle of March, we will be adding water to the wet well to increase the demand and send the pigs through the pipe faster. Both 10" pipes from the WLS and the 16" pipe from RLS will be cleaned.

Dominion is still doing work on the old WWTP, they continue to perform structural repairs on the old A-Basin. The contractor unintentionally got some equipment stuck in the emergency overflow pond and created quite a mess, we have informed them that we will require a full inspection of the damaged area to make sure there was no harm done to the liner. We have also informed them that the pond will need to be returned to the original shape it was found in.

In February we pumped 17.5 million gallons to Littleton Englewood. 30 thousand was conveyed for Sterling Ranch.

Field

The field remains busy for the month, the guys responded to nearly 500 locates last month.

The 2019 meter replacement project is underway, we will replace approximately 350 meters this year. We are using our old inventory to put meters in the village where cell service is not an issue and we have placed our first order of 100 meters that have the new technology promised to work in the park. Those should be here in the next few weeks.

The Ravenna project is nearing completion, the PLC equipment is the last piece needed in order to put the system in service, that work shall be completed next week. During the project some PRV valves in Ravenna were discovered to be bad, these will be treated as corrective actions when rebuilt or replaced and Ravenna Metro District will be billed.