

Paradise Estates
Water System Report
07/06/2019

The water system completed several items on the 2019 list of projects this year. The cleaning of our water storage tanks and the flushing of the distribution system was completed late winter early spring of this year.

The tank cleaning came in at the original bid amount with no contingency money being spent due to excessive waste or needed repairs. The report is good on the tank interiors with the exception of the gauge float being dysfunctional on the large tank which is no longer needed.

The system flushing took place on Monday May 13. with the assistance of Evergreen Rural Water and their diffuser equipment we were able to flush the system without damage to roads and ditches. I was somewhat surprised at how clean our water distribution system was considering the fact that it's been so long since it was last cleaned. A total of nine hydrants (half) and two blow offs were flushed. Approximately 16,500 gallons was used during this exercise. Several blow offs were not flushed either because there was a hydrant nearby or we could not be sure the water would not cause damage to private property. The rest of the hydrants were not flushed due to their proximity to those that were and the low turbidity of the water in general. None of the hydrants appeared to discharge much sediment, the worst being at the lower end of the system on Shore Dr and E Mason Lake Dr. This is typical of a system with topography such as ours, having relatively new PVC water mains and high quality source for drinking water that is not chlorinated. All very good news.

With the completion of the alarm and control install, the valve exercising in September and the latest cleaning and flushing our water system's maintenance is up to date. Next up is getting the grass mowed at the well sites and a few minor recommendations as a result of a Department of Health sanitary survey last year.

With respect to the 2020 budget I added a few hundred dollars to the money we spend with NW Water our system operator to cover their contractual CPI increase and an anticipated PUD rate increase. Please see Brenda's report for actual budget numbers.

Tom Moore
Water Committee Chair