



CITY OF TOM BEAN

PUBLIC WORKS DEPARTMENT CITY COUNCIL REPORT

December 2020 Activity Summary

Public Works Department:

- Average daily water distribution for the month was 82,043 gallons, for a monthly pumpage total of 2,461,300 gallons.
- Water Main Flushing: Completed required monthly hydrant flushing of 27,500 gallons @ 16 locations.
- TCEQ Total Coliform sampling: Water samples (2) submitted for testing. Passed
- TSS/BOD: (Total Suspended Solids/Biochemical Oxygen Demand) Monthly sampling (4) submitted for testing. Passed
- E. coli/MPN: (Escherichia Coli/Most Probable Number) Monthly sample submitted for testing. Passed
- EPA: Net/DMR (WWP Discharge Monitoring Report) Monthly report submitted. Passed

Whitemound Well:

* No Major Issues

* **Communications Equipment:** Internet service provider TekWav has entered into an agreement with the city to install equipment on the 120' Whitemound water storage standpipe. TekWav has previously worked with the city for several years utilizing the downtown deer feeder water tower to serve local citizens internet needs.

Downtown Well:

* No Major Issues

***Orthophosphate Injection:** Trench completed from well head to chlorine building.

North Well:

* **Water Treatment:** All parts required for the (3) Orthophosphate Injection systems TCEQ is requiring we install on our wells were ordered on 12/18/20 with a (4) week promise date. Parts and accessories estimate \$6000.00 Flushing well weekly for minimum of (1) hour @ 240 GPM.

* **Building Additions:** All (3) well sites will require the addition of a space to house the orthophosphate 55 Gallon drum and various accessories. A local contractor has been contacted to assist in this effort.

Wastewater Department:

* **Bearing Failure:** East track #1 aerators 15 HP Baldor electric motor seized. R/R with rebuilt spare unit.

* **Refurbishing Spare Equipment:** (2) 15 HP Baldor electric aerator motors and (2) Fluent Industries aerator shafts at Electric Motor Services in Sulphur Springs, TX. for rebuild.

* **Check Valve Failure:** Gorman Rupp deep well pump #2. Valve has arrived at supplier Ferguson Ind. in McKinney, TX. R/R will be completed next week.

* **5 Year WWTP Permit Renewal:** Permit expires Oct. 1, 2021. All sampling and data must be submitted to TCEQ 180 days before expiration. Received sludge \$941.00 and effluent sampling \$341.00 kits from Pace Analytical. Samples will be submitted next week for lab analysis.

* **Waste Management Sludge Profile:** Renewal of profile due by 2/27/2021. This requires a TCLP (Toxicity Characteristic Leaching Procedure) analysis including testing for Polychlorinated Biphenyls (PCBs).

Other:

* **Water Operator License:** Current TBPWD employees and licensed Wastewater Treatment Plant Operators Daniel (Dakota) Bombsburger and William Cobert are scheduled to take TCEQ approved training required to obtain a Basic Water Treatment license. Due to current restrictions both will be receiving online training. Training, exams and testing fees total \$972.00.

* **Fuel Cost:** \$205.81

~ End of Report ~

Daily, weekly, monthly and annual Water and Wastewater reports are maintained by Public Works Director Steven Dane.

1/7/2021 Director of Public Works S. Dane