Department Report

Report Title: Water & Wastewater Treatment Department Report February 2024

Report Highlight: The annual Water Audit was certified and submitted to the State before the March 1 deadline. No major changes in the leak index or score when compared to the previous water audit. We still stand at 27% "Nonrevenue Water" in our distribution system. There are some system changes being addressed this calendar year that will hopefully bring this number down as well as increase our revenue. Inspection of the Upper Crown Mountain Tank discovered some structural issues that will need to be addressed. This is the only bolted tank that we have for water storage and some of the nuts and washers are showing their age (Tank was installed in the early 1980's). We are seeking expert advise on how to address this issue. There is no immediate threat to the tank but repairs or replacement will need to be performed in the near future.

Name and Title: John Jarrard, Water/Wastewater Treatment Director

Recently Completed

- Installed new impellar on Feed Pump C
- Inspected and cleaned inside of WTP Clearwell
- Lower Crown Mountain Tank cleaned and inspected (American Tank Maint.)
- Inspected Upper Crown Mountain Tank
- Repaired Lower bank of UV System at WWTP
- Installed new DO probe in SBR Basin #2
- Calibrated all Hach Laboratory Equipment at WWTP
- Installed rental pump in Koyo Lift Station
- Reprogrammed VFD on blowers
- Air Compressor #2 repairs to fan motor
- Completion on 2023 Water Audit
- Equipment check on portable by-pass pump by manufacturer

Underway:

- Replacement of propeller on SBR #2 Mixers
- Repairs to wiring on both mixers in SBR Basin #2
- Caustic Tank valve repair at WWTP
- Repairs to Chlorine Tank #1 Effluent Valve
- Repairs to submersible pump in Koyo Lift Station
- Repairs to Wastewater Plant roof

Near Term:

- Updates to the Water Conservation Plan
- Kenimore Lift Station Rehab (In-house work)
- Air end rebuild to Compressor #2 at WTP
- Air Supply Line repair on Rack #3