



Wastewater Department
November 2019

Department News

Had conference call with Fox engineering to discuss industries.
Updating industries treatment agreements.
NPDES permit renewal in process.

Monthly Activities

Treated **33,600,000** gallons of waste water
Largest daily flow was **1,490,000** gallons.
Average daily flow was **1,110,000** gallons.
Applied **226,760** gallons of Biosolids to the reed beds
Achieved a **98.3 %** Biochemical Oxygen Demand removal
Achieved a **97.9 %** Total Suspended Solids removal
Analyzed **396** wastewater samples in the cities state certified laboratory
33 samples submitted to Test America for testing.
Monthly safety check lists and departmental safety meeting completed.
Completed and submitted state Monthly Operating Report and the five industrial reports.
Daily collection of samples, performance of tests, calculate and record analysis results.

Nonscheduled Work Performed

Did channel flush of the wet well at the main lift station to clear accumulated debris.
Ordered DMR-QA Study for 2020.
Replaced decant basin transducer 0-10'.
Replaced check valve balls and gaskets in plant drain dry well.

Scheduled Work Performed

Decant water off storage tank.
Record temperatures and calibrate various lab equipment.
Perform preventative maintenance on all the various blowers, pumps, and process equipment.
Continue extra sampling required by permit to look for a constituent released in our effluent.
Attend City wide safety meeting.
Removed UV modules from service and replaced recirculation pump in module number 1A.

Up Coming Projects

Clean out reed bed number one and two.