



Wastewater Department  
July 2020

### Department News

E. coli samples passed NPDES permit limit

### Monthly Activities

Treated **31,260,000** gallons of waste water

Largest daily flow was **1,010,000** gallons.

Average daily flow was **1,460,000** gallons.

Applied **67,500** gallons of Biosolids to the reed beds

Achieved a **98.5 %** Biochemical Oxygen Demand removal

Achieved a **94.8 %** Total Suspended Solids removal

Analyzed **499** wastewater samples in the cities state certified laboratory

**48** 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

Worked on UV modules cleaning sleeves.

### 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 via Go To Meeting.

### Up Coming Projects

Stream mixing zone study to be conducted when conditions allow.

Replace diffusers in SBR 1 and 2