



Wastewater Department
October 2020

Department News

Pumped down SBR #1 in preparation for changing diffusers.
Reed Beds #3 and #4 cleaned out by Greg Bryan. Bio-solids removal for land application.

Monthly Activities

Treated **26,262,000** gallons of waste water.
Largest daily flow was **1,677,000** gallons.
Average daily flow was **847,000** gallons.
Applied **84,000** gallons of Biosolids to the reed beds.
Achieved a **98.9 %** Biochemical Oxygen Demand removal.
Achieved a **97.1 %** Total Suspended Solids removal.
Analyzed **404** wastewater samples in the cities state certified laboratory.
42 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

Cleaned UV sleeves in north module.
Changed diffusers in SBR #1.
Repaired RPZ in Main Lift Station.
Pumped down SBR #4 and changed diffusers in pre-react zone.
Cleaned UV sleeves in south Module.
Limitorque pulled out and shipped back for modification/repairs.
Cleaned rags from SBR#3 transducer.

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.
Attend City wide safety meeting at OFD.

Up Coming Projects

Lab Recertification.
Plant Inspection – DNR.
UV module removal.
Re-install Limitorque.