



Wastewater Department
January 2020

Department News

Matt passed his Grade 2 wastewater exam

Reed bed #1 and #2 have been emptied and hauled to farm for land application

Monthly Activities

Treated **30,190,000** gallons of waste water

Largest daily flow was **1,200,000** gallons.

Average daily flow was **974,000** gallons.

Applied **200,000** gallons of Biosolids to the reed beds

Achieved a **98.1 %** Biochemical Oxygen Demand removal

Achieved a **97.7 %** Total Suspended Solids removal

Analyzed **502** wastewater samples in the cities state certified laboratory

36 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

Replaced decant basin transducer with a 0-12 foot unit

Greg Bryan Construction hauled biosolids from reed bed 1 and 2 to Jake Baldwin farm for land application

Hauled snow from the downtown

Annual state boiler inspection

Changed MAU-1 belt

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.

Up Coming Projects

Set UV modules in effluent channel for 2020 disinfection season.