



Wastewater Department  
November 2020

### Department News

Passed the annual whole effluent toxicity test  
Bryan Construction finished removing biosolids from reed bed #3 and #4  
All parameters for DMR-QA Study #40 were graded as acceptable

### Monthly Activities

Treated **24,790,000** gallons of waste water  
Largest daily flow was **1,210,000** gallons.  
Average daily flow was **830,000** gallons.  
Applied **42,000** gallons of biosolids to the reed beds  
Achieved a **97.5 %** Biochemical Oxygen Demand removal  
Achieved a **96.5 %** Total Suspended Solids removal  
Analyzed **436** wastewater samples in the cities state certified laboratory  
**34** 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

Removed lamps and cleaned UV sleeves in south module and put indoors until next disinfection period  
Sent DMR-QA Study #40 packet to regional coordinator  
Pulled SBR #3 level transducer and cleaned rags from cable. Placed transducer in plastic conduit and attached to bracket. Checked the level transducer for proper reading.

### 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.  
Biennial plant inspection by IDNR with follow up phone call

### Up Coming Projects

Re-install Limitorque