



Wastewater Department
October 2019

Department News

Passed annual whole effluent toxicity test

Monthly Activities

Treated **46,600,000** gallons of waste water

Largest daily flow was **1,610,000** gallons.

Average daily flow was **3,760,000** gallons.

Applied **152,500** gallons of Biosolids to the reed beds

Achieved a **97.7 %** Biochemical Oxygen Demand removal

Achieved a **94.7 %** Total Suspended Solids removal

Analyzed **474** 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

Ken's Electric was here to check the compressors in the geo unit.

Meeting with DCW to discuss a solution to their discharge issue

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.

Attended IRWA two day class in Dubuque.

Collected required number of samples for E. coli testing.

Up Coming Projects

Remove UV modules from service and replace recirculation pump in module number 1A

Replace check valve balls and gaskets in plant drain dry well

Clean out reed bed number one and two