



Wastewater Department  
March 2021

### Department News

Get new PC for office.

Schedule Automatic Systems for list of items needing work/fixed.

### Monthly Activities

Treated **42,260,000** gallons of waste water

Largest daily flow was **2,120,000** gallons.

Average daily flow was **1,360,000** gallons.

Applied **160,000** gallons of biosolids to the reed beds

Achieved a **92.6 %** Biochemical Oxygen Demand removal

Achieved a **83.7 %** Total Suspended Solids removal

Analyzed **490** wastewater samples in the cities state certified laboratory

**37** 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 decant basin and effluent channel before installing UV disinfection system.

Installed UV disinfection System.

Cleaned Main lift station channel, Pump #3 plugged from grit build up, got Pump #3 unplugged.

Cleaned Grit tank, Grit tank drive was not operating – fixed. Cleaned grit auger.

Sent special E.Coli sample to Test America before disinfection season started.

Spot checked DCW dump – no detection.

### 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

Getting Matt and Kieley certified for their respective license.

Get Reed Bed drainage lines televised for damages.

Get Kieley CDL walk around inspection and driving completed.