

Joint Water/Sewer Board

Wastewater Summary

November 2021

Completed:

- 1) DMRQA 41
 - a) Results received September 24th
 - b) 100% acceptable results on all analytes
- 2) WET Test
 - a) Sampling performed August 4th
 - b) First WET test from the new plant
 - c) Final WET test from this discharge permit
 - d) Zero mortality in 48–72-hour testing
 - e) Increasing metals concentrations
- 3) PFAS Reports
 - a) Results received October 17th
 - b) SEBCL October sampling
 - c) Collection system sampling
- 4) IPP Program
 - a) Copper sampling: influent, effluent and collection system performed in early October
 - b) Mercury sampling: influent and effluent performed in early October
- 5) Septage Receiving Plan
 - a) Receiving station completed the end of September
 - b) Started receiving septage in early October
 - c) Tool rack
 - d) Safety chains
- 6) Lab Startup
 - a) Annual lab equipment certification August 27th
 - b) New lab fully operational October 7th
- 7) Maintenance Items
 - a) Fire extinguisher recertification
 - b) Plant generator: temp. sensor and block heater
 - c) HW pumps rotating assemblies and wear plates
 - d) HW pump check valves
 - e) Glaser lift station signal booster

- f) Lift station Rags
- g) Mulch
- 8) Sludge Disposal
 - a) Dewatering bags 2, 3, 4, 5 and 6 were removed and disposed of
 - b) Approximately 70 tons of dry sludge were hauled to the Landfill
 - c) Three roll-offs have been removed from the new plant
- 9) Training and Certifications
 - a) SWPPP training for all WWTP staff members
 - b) Confined space training for all WWTP staff members
- 10) Biosolids Report
 - a) Submitted to EGLE on October 13th
 - b) 246 total tons removed to the SEBCL

Ongoing:

- 1) New Plant Project
 - a) Sludge press startup October 4th
 - b) SCADA, Alarms
 - c) Supply voltage and communications with the HW building
 - d) Grass, flagpole and landscaping
 - e) UV hoist and gantry
 - f) PM program for new equipment: break-in oil changes
 - g) Lighting
 - h) Punchlist
 - i) O&M manual and SOPs
 - j) Fence and gates
 - k) Process adjustments
- 2) Idling Old Plant
 - a) Winterization
 - b) Chemicals
 - c) Sludge