

WWTP Report

April – May 2017

- No out of service or major maintenance necessary since last report
- Plant is averaging 72,000 gallons per day
- Three sludge hauls at 6,000 gallons per haul
- Lowest flow rate 50,000. Highest flow rate 109,000
- Odor control seems to be working. On one weekend, the electrical circuit went out that controls the time clock for the pumping of the mixed liquor into the surge tanks. We had numerous complaints that weekend about the odor. This would be a strong indication that we are taking the right approach in controlling the odor problem.
- Winch has been replaced at the digester. This winch raises and lowers the pump.
- Two float switches at the surge tank not functioning were replaced
- Due to the decreased flow rate, the time the aerators run was reduced by a total of 60 minutes
- Two leaks were repaired in underground piping of the treated water used for cleanup at the oxidation ditch
- JL Power, WWTP's generator maintenance contractor, visited all of the lift stations and is in the process of making a recommendation and providing a written proposal for the replacement of the emergency plugs and receptacles and the audible alarm system. He is also giving us recommendations on the size and type of generator we could use to provide emergency power at the lift stations. At the advice of an engineer from Florida Rural Water Association, of which we are a member, we can get by with a smaller generator than we expected. It is for this reason we have delayed the installation of the plugs and receptacles until we determine the best solution for the lift station generator.
- The plant operator has reported that since we had the oxidation ditch cleared of rags by Polston the down time on the RAS pumps (reactivated sludge pumps) has decreased significantly.