

Matanzas Shores Waste Water Treatment Plant Report
August 23, 2019

Overall Plant Status:

- Effluent quality is good (clear).
- The plant is operating well.
- The daily average flow for June was .068 and July was .073.
- The solid settling 30-day average was 70%
- The average sludge judge reading from the clarifier is 1 foot.
- There were two sludge hauls in June and two in July, each averaging 6000 gallons.

Maintenance Items Addressed During Since June Report:

- The semi-annual cleaning of main lift station at the plant was completed. (All lift stations will be cleaned in January 2020).
- The composite sampling systems were installed at the plant on August 16th.
- The damaged manhole near the south entrance to Lakeside was repaired by ECS. (water infiltration). There are only 2 remaining sewer cap repairs to be completed from the May test.
- Normal preventative maintenance tasks were completed.
- Fence repairs were completed at the WWTP.
- Clearing of a buffer around the fence (to prevent vegetation from further damage to the fence along the South and West sides) was completed.
- Plant was treated for red worms.

Maintenance Required

- Trimming of growth and dying trees at PP2 will be done week of Aug 26th.
- Cement clean up and patching on the inflow structure.

Other:

- The county has not signed the contract for sewage at Bay Drive Park.

| Project | Priority* | Timing | Status | Cost |
|--|-----------|---------|--|------|
| Install Composite Sampling System (needed by 10/1/2019 - per DEP 7/25/2018) email from Mark C (will be protected from the weather) | 1 | Q3-2019 | 8/23/2019 completed | |
| Install Auto-dial System for high-level alarms (surge tanks, digester and lift stations) | 2 | Q2-2019 | Estimate Needed | |
| Reuse Water System/Plant Use Irrigation System | 4 | | Not enough volume | |
| Office Area Refurbish | 2 | Q4-2019 | | |
| Restroom Area Maintenance | 4 | Q4-2019 | | |
| New Heat/AC for office and restroom | 4 | | | |
| Create Plant Redundancy (backup clarifier and contact chamber) | 2 | Q4-2019 | Estimates and spending plan to be reviewed at Aug meeting and approved at annual meeting | |
| Estimate cost to put inserter valves in sewer main | 3 | Q3-2019 | | |