

Matanzas Shores Waste Water Treatment Plant Report
June 5, 2020

Overall Plant Status:

- Effluent quality is good (clear).
- The plant is operating well.
- The daily average flow for March was .077 and for April it was .069. The highest reading any day during that time period was .90.
- The solid settling 30-day average for March was 65% and April it was 60%
- The average sludge judge reading from the clarifier was 1 foot for March and 1.5 feet for April.
- There have been two sludge hauls in March, April and May, each averaging about 6000 gallons.

Maintenance Items Addressed During Since the February Report:

- The oxidation ditch was cleaned (pressure- washed) on March 12th.
- A sprinkler system was installed in the clarifier stilling well.
- A carpenter ant infestation was found and treated in the Waste Water Treatment Plant Office. Arrangements have been made with Massey for monthly treatments.
- A new PTAC A/C unit was installed in the office.

Maintenance Required

- No non-routine maintenance required at this time.
- The office is in need of interior maintenance, painting, lightning, plumbing and other repairs, which will be planned for some time in the 3rd quarter.

Other:

- The Major Service Inspection of the generator was completed on May 5th and the full load test was done at that time. Routine maintenance items, i.e. changing the oil, were completed and all inspection and tests were good. Battery replacement should be planned for 2023. Generator replacement should be scheduled sooner than currently planned (18 years) and the expected cost increased by at least \$10,000. The generator is working well, no current problems, however it is 30 years old and some parts will be difficult to replace if needed as they are not made anymore.
- Filing has been made with the DEP for permit renewal, due by July 21. An additional sampling on MWC-17 was taken for primary and secondary drinking water standards and the effluent sampling was retaken to include a test of radionuclides. Results are due back from the lab.
- No action has been taken to provide services to Beach Haven at this time due to focus on the amendment to the Matanzas Shores Declarations.