

Matanzas Shores Waste Water Treatment Plant Report  
June 21, 2019

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**Overall Plant Status:**

- Effluent quality is good (clear).
- The plant is operating well.
- Quarterly ground well monitoring was re-done by Pace Labs at the beginning of the month.
- The daily average flow for May was .058.
- The solid settling 30-day average was 70%
- The average sludge judge reading from the clarifier is 1.5 feet.
- There was one 10,000-gallon sludge haul on May 9<sup>th</sup>.

**Maintenance Items Addressed During May:**

- Normal preventative maintenance tasks were completed
- Corrections are being made to address the problems found during the May 21<sup>st</sup> smoke test. 14 items need to be addressed. Notification to all parties either was been made. All corrections are expected to be addressed by July 15<sup>th</sup>. Some have already been completed.
- The leaking release valve for the sewer main along A1A reported at the last meeting has been replaced.
- Terracon completed the abandonment of MWC 8 and 9 and the drilling of two new wells.
- Fence repairs were started at the WWTP.

**Maintenance Required**

- Trimming of growth and dying trees at PP2 – this was approved at the May meeting and will be done as soon as the vendor can schedule it.
- Trimming back from the fence at PP1 – this will also be done as soon as can be scheduled.
- Composite Sampling was approved at the May meeting and this will be done as soon as possible.
- Repair the open sewer cap/pipe at the Lakeside South entrance as soon as vendor is available.

**Other:**

- We are still reviewing the PBM Proposal for 2<sup>nd</sup> clarifier and chlorine contact chamber and considering options around funding.
- Cline reported that our sewer main (as well as fresh water) does not have inserter valves at key intersections.
- An excess plant capacity analysis draft was received and is being reviewed.
- Sea Colony will be repaving their streets that will necessitate raising the level of the manhole covers by about 1 inch.

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Project	Priority *	Timing	Status
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	5/24 - approved
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
Replace Damaged Manhole Covers (Sea Colony to plant)	2	Q1-2019	None Found
Check/Repair Sewer Main	2		
Office Area Refurbish	2	Q4-2019	
Restroom Area Maintenance	4	Q4-2019	
New Heat/AC for office and restroom	4		
One of the repaired pressure release valves is leaking again - replacement needed	2	Q2-2019	Completed 6/2019
Create Plant Redundancy (backup clarifier and contact chamber)	2	Q4-2019	2nd estimate from PBM received.
Examine Monitoring Well 8 - damaged by clearing Los Lagos Terracon reported the need to backfill and repair pad MWC9 is on Richmond property and needs to be moved MWC 8, which needs repair is right on the property line and should be moved to prevent further damage	1		Completed 6/19
Ensure that pipe to PP3 was capped off by Cline	1		Confirmed
Repair fence at PP1 and PP2	2	Q2-2019	Estimates approved at the 04/2019 meeting
repair open sewer cap pipe at Lakeside South entrance			
Estimate cost to put inserter valves in sewer main	3	Q3-2019	