

Matanzas Shores Waste Water Treatment Plant Report
October 26, 2018

Overall Plant Status:

- Effluent quality is good.
- The plant is operating well.
- Daily flows for October are up slightly from September. The average daily flow to date for October is .0985
- There have been no sludge hauls so far this month.
- The solid settling condition is resolved; settling is now normal.

Maintenance Items Addressed During August:

- The canopy work (over the bar screen) was completed.
- The digester valve repairs were completed by ECS.
- A new Stenner pump was installed at the chlorine contact chamber.

Maintenance Required – Approvals Needed:

- Pump replacement (pump 2) at the Sea Colony lift station (in the pool parking lot) was not completed yet due to a new issue found with the digital control box on pump 1 and the need to ensure that it is just the control box and not an additional problem with the pump as well. (The lift station is still running successfully on the backup pump that was installed). A new control box will be ordered once board approval for that item is received.
- Approval is needed on an ECS estimate to pump out and service the air release valves (along A1A) and replace rusted out saddles and valves.

Other:

- Construction for expansion of perc ponds 1 and 2 is continuing, on schedule, with work expected to be completed by end of November and the bike path reopened. Fencing is being reinstalled this week.
- An estimate has been requested from PBM to build a second clarifier and Chlorine Contact Chamber. It should be received in a few weeks and funding and timing will be reviewed at that time, with a possible update at the next board meeting.

Project	Priority *	Timing	Status
Install Composite Sampling System (needed by 10/1/2019 - per DEP 7/25/2018) email from Mark C	1	Q3-2019	
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		
Replace Damaged Manhole Covers (Sea Colony to plant)	2	Q1-2019	
Check/Repair Sewer Main	2		

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Office Area Refurbish	2		Q4-2018	
Restroom Area Maintenance	4		Q4-2018	
New Heat/AC for office and restroom	4			
Install Cover for the Inflow Structure (5N Building Solutions- \$2,343)	2		Q3-2018	Completed 10/2019
Repair covers of pressure release valves along the sewer main on A1A (in-house)	2		Q1-2019	<i>Approval Needed</i>
Problem with Sea Colony lift station (by the sea) - Motor/pump 2 repair/replacement needed. Backup pump used in the interim (replacement will be done once the issue with Pump 1 is also confirmed)	1		Q4-2018	waiting on analysis of Pump1- already approved
Additional problem with above lift station - Pump1 Digital Control Box Needed	1		Q4-2018	<i>Approval Needed</i>
Create Plant Redundancy (backup clarifier and contact chamber)	2		Q4-2019	Estimate Requested from PBM 10/2018