

Overall Plant Status:

- Effluent quality is good.
- The plant is operating well.
- The daily average flow for August was .098. The annual daily average flow (AADF) for August was 0.XXX.
- Perc Pond 3 was put in service at the beginning of August.
- Terracon completed building of monitoring well MWC17 at perc pond 1 and the abandonment of 5 other wells. All completion documentation was provided (and sent to Pace for monitoring), closing out the project.
- There was one sludge haul in this period on August 6th. (6000 gallons)
- The slow solids settling condition is continuing to improve and is being monitored and addressed by Biometrics.

Maintenance Items Addressed During August:

1. The plant growth solids were removed from the surge tanks and clarifier.
2. The pin in the recently replaced valve at the digester lift station broke, causing the valve to be stuck in the off position. Repairs are underway.
3. The lift station backup generator was tested
4. The manhole by San Carlos/San Jose will be power washed and flushed.
5. Pipes at the contact chamber were repainted. (color fading)

Other:

- Work on perc pond 1 and 2 expansion will begin as soon as the turtle permits have been issued and acted on. The work is expected to take approximately 45 days from starting point. There is expected to be no access through Lakeside during this process. The bike path at perc pond 2 will be closed until the pond is expanded and the bike path reconstructed. (Plans will be available at the meeting)
- The information below is repeated for reference only. Plans will be formed to look at how to proceed, what additional testing is needed and when it can be scheduled.
 - 9 out of 35 Sea Colony residents have not completed replacement/repair of their sewer clean-out caps.
 - 5 out of 17 Lakeside residents have not completed replacement/repair of their sewer clean-out caps.
 - Well testing costs will go up starting this quarter due to the need for additional monitoring under the new permit changes.

APPROVALS NEEDED:

New contract hours and sampling costs will be reviewed in the 2019 budget.

Matanzas Shores Waste Water Treatment Plant Report
September 14, 2018

Project	Priority*	Timing	Status
Install Composite Sampling Collection System (2 outdoor refrigerated composite samplers and weather cover) - Biometrics 9/10 NOTE: Based on recent permit revisions and with DEP approval - this can be delayed to Oct 1029	2	Q4 2019	4/16 - not required at this time (mtg with DEP) 5/17 - Flow increases require this now 9/10 - can wait till 10/2019
Bring Perc Pond 3 On-Line per Permit requirements,	2	Q4-2018	Completed 7/2018
Install Cover for the Inflow Structure (5N Building Solutions- \$2,343) or look at dumpster placement as an alternative (2 yrd plastic dumpster 2X wk is \$190/mo - once a week is about \$90). A 3rd option might be possible - see if we can use the drain under the concrete to let the water out and it gets pumped back into the plant.	3	Q3-2018	Approved InFlow Structure Cover 5/18 Waiting on vendor start date. 9/10 Vendor non responsive - Biometrics pursuing new vendor
Ensure all sewer clean-out cap replacement done. Determine what follow-up is needed to have homeowners complete the work by 3/31/2018 (Sea Colony) and 4/30/2018 (Lakeside) 2nd letters went out 6/1 for Lakeside	1	Q1-2 2018	In Process - Deadlines for completion passed. 9 sea Colony and 5 Lakeside are outstanding. 9/10 - Need to ID next Steps
Confirm Surf Club 2 and 3 drainage repositories (including the floor drains)	1	Q1-2018	All indications are appropriate drainage to the storm system 9/10 Additional confirmation needed for handling of the floor drains
Analyze possible problem with lateral pipe connection to main at the manhole on San Carlos/San Jose (Flagler Septic)	1	Q1-2 2018	7/12 analysis completed - monitor for now - Problem is up-stream
Exercise the 2 Spare Lift Station Pumps (routine periodic maintenance)		NA	On-Going

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Repair covers of pressure release valves along the sewer main on A1A (in-house)	3	Q3-4 2018	Estimate Requested from ECS 7/2018
Address the wheel that is beginning to freeze up to open the sludge drain valve (estimate needed) ECS looking at it 3/20	2	Q2- 2018	Completed
Install auto dial system for high-level alarms (surge tanks, digester and main lift station)	2	Q1-4- 2018	Estimates Needed
Problem with Sea Colony lift station (by the sea) - Motor/pump repair/replacement needed. Backup pump used in the interim	1	Q3- 2018	. Approved 8/15/2018 Need to do now - decision is to go with the new motor which will have a 5-year guarantee versus 1 year for repairing the motor. 9/10 - waiting on new motor to come in
Drop Hitch needed for Biometrics truck(s)	2		Biometrics will purchase the 1 7/8 drop hitch. NOTE: 9/10 - they will buy a 2-inch ball for the generator wagon
Install new monitoring Well MWC-17 and abandon 5 others		Q3- 2018	Completed 8/23/2018
Clean out manhole cover at San Jose and San Carlos (frogs suspected)			
Carlos Jr to review Surfview plans and inspect			
Additional valve repair needed at the digester lift station pump.	1		9/10 - In process
Create Plant Redundancy (backup clarifier)	3	TBD	