

Riverwood CDD

Severn Trent Services Field Management Report Site Inspection – August 26, 2014 & September 08, 2014

- 1. Lake Management:** The majority of the lakes are looking good. Natural recruitment of native plants is taking place, and it is recommended not to remove the plants because they are a benefit to the overall system. This practice should continue to be encouraged throughout the community. There was a fish kill in Lake 16. Dissolved Oxygen readings have been taken by Severn Trent and Beautiful Ponds; additionally, Vertex Water Features, Pond and Lake Aeration, will provide an in-depth report about the lake. Report forthcoming. Adding an aeration system should be discussed as one of the possible solutions, however, shoreline plants may be a very cost effective way to help with low Dissolved Oxygen issues. Grass clippings from mowing are still a concern in many of the lakes in the community.

Lake Maintenance:

Lake management details are provided below.

RIVERWOOD LAKE INSPECTION FIELD SHEET						
DATE: 8/26/2014		By: M. Meadows				
9/8/2014						
				Severity		
AW	Alligator Weed	HY	Hydrilla	VL = Very Low		
CT	Cattails	PA	Planktonic Algae	L = Low		
DF	Dog Fennel	PR	Primrose	M = Medium		
DW	Duckweed	TG	Torpedo Grass	H = High		
FA	Filamentous Algae	SE	Sedge			
MI	Miscellaneous Weeds	BT	Baby Tears			
HV	Climbing Hemp Vine	PW	Pennywort			
Lake #	Water Level	Clarity	Algae	Shoreline Weeds	Submerged Weeds	Additional Concerns, Comments
Lake #1	H		NA			Low amount of desired species present Duck Potato
Lake #2	H		NA	Vines		Mapping-There is no Lake #2 on the service agreement contracted map, but other maps show it as GC Hole 2 Tees. (Field Reference Note). This is actually a wetland. Golf Course side had recent trimming of Fakahatchee grasses near golf path.
Lake #3	H			TG (Low to Medium)-Browning from Treatment		Observed good plants Bulrush & Alligator Flag ; Recently treated; Sand Hill Crane present
Lake #4						
Lake #5						
Lake #6	H			TG-In native vegetation clumpings		
Lake #7	H					Willow Glen, south
Lake #8	H					Continue to encourage Bulrush ad other natives to recruit
Lake #9	H					
Lake #10	H	Good			Hydrilla along the perimeter; Southern Niad	

Lake #11	H			TG-Dense along back side of pond	Chara-Low to Medium, HY	Alligator; Chara (Muskgrass) is a good plant to have, but golfers may not like the musky order or how it appears to mound up in the water column; the carp should be able to control the chara and there should be no need to treat unless it really gets thick
Lake #12	H		Algae-Low		Hydrilla-Low to Medium	Duck Potato density was low last month and looked like it was being eaten by the carp; Duck Potato needs to be encouraged; small jetted land area that appears to need grasses checked. Area is near the 'Stoney Bridge' on golf course. Will inform Beautiful Ponds.
Lake #13	H	Good				Pine Needles from Pine Trees in Lake
Lake #14	H	Good			Hydrilla – Low	Pine Needles from Pine Trees in Lake
Lake #15	H					Fountain Not Working; Bulkhead okay
Lake #16	H					64 plus dead fish (stopped counting) 11:50 AM, Sunny partly cloudy, Wind 5 Mph and higher DO 5.1 PPM, SE Corner DO 4.1 PPM, SW Corner
	H					45 plus vultures, fish carcass along the golf course; no floating dead fish
Lake #17	H	Clear with brown tint				DO 4.02 PPM, No Dead Fish Observed; Duck Potato looks good, continue to encourage
Lake #18	H		Minimal			Good Plants-L Duck Potato & Pickler weed; No dead fish observed; No trash
Lake #19	H	Clear with brown rust tint				DO reader-equipment failure; No dead fish observed; one Pleco
Lake #20						
Lake #21						
Lake #22	H					Good Plants-L-Bulrush, L-Duck Potato, Odorata lilly
Lake #23	H					
Lake #24						
Lake #25						Silver Lakes
Lake #26						
Lake #29	H	Brown Dark Color				Fountain Working, Plecos, Brazilian Pepper needs to be removed Good Plants-L-Bulrush, L-Duck Potato
Lake #30						
Lake #34						
Lake #36						Desire species Thalia and Bulrush dense in pocket. Would not recommend removing.
Lake #37	H					Vegetation recently treated. Follow up with Russ, Shrub between pond and wetland needs to be cut back to allow for sod to grow back in
Reclaim	5.0					DO 4.6 PPM, 11:40 AM

- **Algae:** No new issues.
- **Littorals:** No new issues.
- **Grass Clippings:** Beautiful Ponds Lake Management, July 2014 data was correlated with who mows each neighborhood to see who the offending parties are. It was determined ArtisTree,

Valley Crest, and the homeowners have been contributing to the problem. The RCA contacted all three parties. The RNC Presidents were contacted for the homeowners, additionally an article was placed in the September 2014, Heron newsletter.

By correlating the August 2014 Beautiful Ponds information an improvement can be seen, however Artistree is still a major contributor. The RCA will be asked to remind ArtisTree to try to avoid grass clippings in the lake.

- **Fish:** FishKill Lake 16.
 - Throughout August dead fish were reported with larger amounts noted on August 25th.
 - AllStar Animal provided up to 30 days of service to remove fish as needed. They have visited the lake 5 times and removed 300 to 400 dead fish. Besides AllStar removing fish there were additional dead fish removed; including the ones the vultures ate. I would estimate there was upwards to 600 to 700 dead fish, if not more.
 - Golf Course aerification was not a factor in the fish kill. The aerification process started after the first dead fish were reported. Per the General Manager of the golf course aerification is the removal of grass plugs only. Aerification is done with a machine to remove plugs and no chemicals are used.
 - Vertex Aeration was contacted to provide an estimate for aerators. Vertex visited Lakes 16 & 17 to collect water quality and lake volume data as stated above they will report their findings. Their Design Department will use this data to properly size an aeration systems that will effectively and economically circulate these ponds. This will enable them to provide a proposal for the boards review.
 - Note, per the Beautiful Ponds spray report there were dead Tilapia also in RCA Lake 30, Bailey's Pond.



- **Trash in Lakes:** Minimal trash was observed this month.
- **Shoreline Landscaping:** No new issues.
- **Bulkheads:** No new issues.
- **Fountains:** Only working sometimes during inspections.

2. **Beautiful Ponds, Lake Report, August 2014**, Submitted to ST Field Manager. Report submitted to the Environmental Committee Chair.

3. **Dissolved Oxygen (DO) Tests:** Started testing; however there was equipment failure, so not all lakes have been tested. New equipment or repair needs to be completed before additional testing to be done.

4. **Lake Bank Erosion:** No New Issues

- Resident volunteer to work with an environmental ad hoc group

5. **Facilities:** Issues/concerns found this month included:

- Activity Center, Community Center:
 - Wasp and mud dauber nest need to be removed from various spots from the overhang of the both buildings
 - Signage needs to be updated
 - Signage that is more permanent should be of better quality
 - Signs and poles need pressure washing
 - Bar area needs to be cleaned and not used for storage



- **Pool, Equipment, Pumps, Pool Restroom, 12 Pool Lights, Fencing Area: Needing to be addressed:** Palms need to cut back off the white fence and what is overhanging the arbor, also *the perimeter fence needs vegetation trimmed back* especially the Brazilian pepper that is starting to overhang it .The pool bathroom and changing rooms have weeds growing in gutter along the roof. Also, behind the bathrooms there is an area for pool equipment, which has become very weedy. Men’s bathroom should have the hook replaced. There is quite a bit of loose tile throughout the pool deck area that needs to be repaired or replaced.



- **Pavilion, Entry Walls:** No new issues.

6. Sports Courts:

Bocce Courts, Croquet Field, Basketball Court, Horseshoe Pits, Tennis Courts:

- Tennis court post is rusted out at the base. This is a safety issue and needs to be replaced.
- Table and bench near the tennis court are no longer properly mounted and need repair. This is a safety issue.



7. **Kids Playground:** No new issues

8. **Dog Park & Perimeter Fence:** Vegetation along perimeter fence should be addressed. Vegetation in pavers at the Dog Park need to be addressed.



9. **Preserves:**

- Preserve K needs Balsa apple sprayed where Artistree did removal along roadside. Additionally Preserve K is a herbaceous wetland and to restore it some of the coastal willows should be removed, also Brazilian pepper should be cut down and stumps should be treated. Beautiful Ponds commented they are not equipped to do the larger work efforts, so I secure an estimate from Aquatic Weed Control.
- P, Q tentative dates for herbicide treatment August (complete), November, February, May; tentative date for planting September 11th
 - August - First treatment looks good, vines have been treated, there is a little more coastal willow left then I would prefer

10. **Roadways: Asphalt, Signage/Landscaping, Common Grounds:** No new issues. Will continue to monitor items that have been presented in the past.

11. **Sidewalks:** No new issues.

12. Storm Drainage System:

- **Culverts, Pond Pipe Ends, Outflow Structure, and Canals:** No new issues observed this month.
- **Curb Gutter Storm Drains:** No new issues observed this month.
- **Inlet Structures:** No new issues observed this month.

13. Irrigation System: No issues were observed this month.

14. RV Parking Lot: Trash containers moved due to dumping

15. Maintenance Road off Club Road (aka Golf Course Maintenance Road): Waste Management removed the majority of the debris. The Golf Course crew is removing any small pieces of debris. Two old tires dumped since waste management cleaned the area. No dumping signs have been ordered and should be ready for pickup on 9/10/2014.



16. Non CDD Issues Observed: Additional trash observed further back into the CDD and Golf Course maintenance area. This includes wood scrapes, a barbeque grill, chairs, and soda pop bottles overflowing from a garbage can. The items are on the Golf Course property and have been reported to them.



Also, there is a trailer in this same area, however, it is sitting on the CDD property.



17. Back Entrance Gate:

- Back gate leaving the property, one light fixture is not secured and is loosely mounted, and all lamp fixtures need to be cleaned of bugs and debris.



18. Eagle Trace Island: Pavers have been a safety issue for some time now. Pavers need to be removed. If removed possibly replace with sodding, a few firecracker plants to fill in the area and even out the overall look, and pine straw should be laid out.

19. Fish/Wildlife Observations:

- | | | | |
|---|--|--|-------------------------------------|
| <input type="checkbox"/> Bass | <input type="checkbox"/> Bream | <input type="checkbox"/> Catfish | <input type="checkbox"/> Gambusia |
| <input type="checkbox"/> Egrets | <input type="checkbox"/> Herons | <input type="checkbox"/> Coots | <input type="checkbox"/> Gallinules |
| <input type="checkbox"/> Anhinga | <input type="checkbox"/> Cormorant | <input type="checkbox"/> Osprey | <input type="checkbox"/> Ibis |
| <input type="checkbox"/> Woodstork | <input type="checkbox"/> Otter | <input checked="" type="checkbox"/> Alligators | <input type="checkbox"/> Snakes |
| <input checked="" type="checkbox"/> Turtles | <input checked="" type="checkbox"/> Other Species: Plecos, Sand Hill Crane, Rabbits, Ducks | | |

20. Follow up summary:

Riverwood CDD	
Follow Up Tasks Summary	
Follow Up Task	Action or Completed
CDD Tasks	
Vertex Aeration to provide an estimate for aerators for Lakes 16 & 17	Waiting for lake evaluation reports
Lake 16 Fish Kill	Fish removed and continue to monitor for 30 days
Report all lakes issues to Beautiful Ponds	Task Completed
After area cleaned up tires had been dumped at the Golf Course Maintenance area, which need to be disposed	Task Completed
Golf Course dumpsters relocated Waste Management Containers ordered for WWTP Large electronics removed and pallets removed	Tasks Completed
No Dumping Signage	Purchased, To be installed
WWTP and Golf Course Maintenance area road needs fine asphalt layer removed and leveling	One vendor contacted-vendor extremely business and will be able to come out in couple of weeks to see specifics Will seek additional vendors for quotes for road work
Back Gate Entrance Light Fixtures	Both need cleaning and (1) check mounting
CDD Contractor Tasks	
Aquatic Weed Service-Preserve P1, P2, and Q plantings; Recommend Action in the Preserve Compliance Report, Boylan Environmental Consultants, Inc., November 12, 2013	To be completed in September
Canal area, Removal of Brazilian Pepper	Received Estimate but asked that wording be changed to actual work to be done, which is the removal of exotics only.
STS, Operations-Work Order to remove bulkhead will presented to Board	Scheduled for September 18, 2014
Gate Medic - Back Entrance Loop System, Gate Medic found an additional item needing to be address and will submit quote.	Task Completed
Gate Medic - Maintenance Agreement for Gates and Motors, Gate Medic has suggested a maintenance agreement for gates and motors; have requested an estimate with schedule for the Activity Center Back Parking Lot Gate (aka Dog Park), Community Entry Gates at the front and back of the property, plus the WWTP gate.	Waiting on estimate
Gate Medic – Dog Parking Lot-Add to new sensors, photo eyes	Scheduled for 8/16/2014
HOA Tasks	
Onsite staff to repair or replace the locking mechanism on the gate between the pool and the children’s playground	Task Completed Two additional Gate Locks to be replaced; Latches purchased – just need to be installed.
Electrician to fix the light fixture in the pool area	Task Completed
Homeowner Complaints/Concerns	

Project List of various projects created by Rita for ease of tracking.

Projects Completed

<u>PROJECT</u>	<u>DATE STARTED</u>	<u>COST</u>	<u>VENDOR</u>	<u>WHO IS HANDLING</u>	<u>NEEDS BC REVIEW</u>	<u>NEEDS BOS APPROVAL</u>	<u>ACCT TO BE CHARGED</u>	<u>DATE COMPLETED</u>	<u>COMMENTS</u>
Upgrade Microphones for Meetings	4/1/14	3,754.65	Troll Music or Venice	Jibby and Rita	Appr.	Appr.	Spec Proj		BOS approved Bid from Troll Music on 8/19/14
Playground repairs	5/12/14	1,800.00	ArtisTree	Connie	Appr.	Appr.	Spec Proj		Approved by BOS on 6/17/14. Work is not to exceed \$1,800. Work in Progress
Install new Walkway for Handicap Access	5/18/14	450.00	Southwest Pools	Connie	Appr.	Appr.	Spec Proj		CDD is doing ADA upgrades/Must be repaired for wheelchair access. Connie is overseeing
Lighting Dog Park Parking Lot to AC Bldg	5/23/14	2,233.00		Connie	Appr.	Yes	Spec Proj		Approved to solicit bids. Needs plan showing location. Connie will get a bid and plan.
Activity Center Parking Lot Drainage Prob.	7/15/14	5,941.38	Severn Trent	Cal or Molly	Appr.	Appr.	Flood/Stormwater Mgmt Contingency		Bid from ST approved WO 4547 for \$5,941.38. Scheduled for September 18th
Tennis Courts (2) Resurface	7/15/14	7,100.00	Welch Tennis Courts Inc	Cal/Molly	Appr.	Appr.	2015 R&M Recreation Ctr		Bid approved for \$7,100. Work to be completed on Sept. 23 & 24.
Level Road behind RV park	7/28/14			Molly	Yes	Yes	R&M Roads		Molly Getting Bids
Signs for RV area - "No Dumping"	7/28/14	336.00	Fast Signs	Jibby	Appr.	Appr.	Field/Misc Cont		Signs at RW; Two put in place & Two need to be installed
Activity Center Air Conditioning Repairs	9/1/14	\$5,300	Total Solutions	Connie & Rita	Yes	Yes	2015 R&M Activity Ctr		RCA responsibility until 9/30/14
Pool Deck Repairs	9/1/14	1,670.00	Custom Pavers of SW Florida	Connie & Rita	Yes	Yes	2015 R&M -Pool		RCA is paying \$4,000 toward this project.
WWRP Fence Repairs	9/3/14			Molly & Sheryl	Yes	Yes			Sheryl has received one bid; Molly to get more bids
Fitness Ctr Equipment Repair or Replace	9/8/14			Jibby	Yes	Yes			
No Smoking Area and Signs	9/8/14	850.00	Various	Rita & Connie	Yes	Yes	2015 Misc. Contingency		Connie & Rita- Order signs, table & Umbrella (designated

									smoking area)
Security Cameras for the Activity Center Campus	9/8/14			Rita & Jibby	Yes	Yes	2015 Misc. Contingency		Jibby is getting bids.
Security Cameras RV Park Area	9/8/14			Jim & Butch	No	Yes			
Security Cameras WWTP	9/8/14			Jim Martone	No	Yes			
REVISED 9/13/14									