

Riverwood CDD

Severn Trent Services Field Management Report Site Inspection – December 2, 2014

1. Lake Management:

- a. **Lake Maintenance:** Overall the ponds look good. There were several gator sightings. Water levels are high. This November had quite a bit of rain.

Lake management details are provided below.

RIVERWOOD LAKE INSPECTION FIELD SHEET						
DATE: 12/2/2014		By: M. Meadows				
						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		N	N	N	
Lake #2 Wetland I	H		N			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). Odorata (water lily) looks good. Control Structure not flowing due to lower water level, but water level is still high.
Lake #3	H		N			Lake 3 has desired plants Bulrush & Alligator Flag
Lake #4	H		N			
Lake #5	H		N			
Lake #6	H	M	N			
Lake #7	H		N			
Lake #8	H	M	Y			Continue to encourage recruitment of Bulrush and other natives; minimum amount of Phytoplankton algae.
Lake #9	M		N			
Lake #10	M		N			
Lake #11	M		N			
Lake #12	M		N			
Lake #13	H		N			
Lake #14	H		N			
Lake #15	M		N			Fountain Not On; Bulkhead okay

Lake #16	M		N			
Lake #17	M		N			The North section of pond is populated with high amount of Fireflag plant. This is a littoral shelf that should have plantings. Recommendation only if the resident has a concern with not seeing the pond would be to remove some Fireflag and replant with a variety of low growing littoral plantings.
Lake #18	M		N			Gator. Lot of floating coconuts. Coconuts should be removed from trees or yard and disposed of in waste containers before they are allowed to enter the pond.
Lake #19	H		N	N	N	Gator
Lake #20						
Lake #21	M		N			
Lake #22	M		N			
Lake #23	H		N			
Lake #24						
Lake #25	M		N			
Lake #26	H		N			Gator
Lake #29	H H		N N			Fountain not on.
Lake #30						
Lake #34	H		N			
Lake #36	H		N			
Lake #37	H		N			
Reclaim						

- b. **Algae:** Minimal to no issues.
- c. **Littorals:** No new issues observed this month.
- d. **Submerged:** No new issues observed this month.
- e. **Grass Clippings:** No new issues observed this month.
- f. **Fish:** No new issues observed this month.
- g. **Trash in Lakes:** No new issues observed this month.
- h. **Shoreline Landscaping:** No new issues observed this month.
- i. **Fish Barrier:** No new issues observed this month.
- j. **Fountains:** Fountains in ponds 15 & 29 are both turned off or not working.
- k. **Beautiful Ponds,** Lake Report, this month's Field Report is earlier, therefore, does not include the Beautiful Ponds report.
- l. **Lake Bank Erosion:** Landshore Enterprises to visit Lakes: 3, 5, 17, 23, 30 and will provide information of data they need for determining the best way to address the erosion on these lakes. There are other lakes identified through the Riverwood CDD area that have issues, however these lakes have been identified as some of the most problematic.

2. **CDD Preserves:** The majority to all preserves in the CDD managed areas have a *drastic change to their appearance this month*. The Coastal Willows have gone dormant. Willows are the small shrubs or trees within and lining the perimeter boundaries of the preserves or wetlands. This has caused the preserves to have a dead and unkempt appearance.

Also, this is a record year for November for having a higher amount of precipitation in this area of Florida; therefore, there is an increased water level within the boundaries of the wetlands.

Returning residents have noticed the higher water levels and dead (dormant) trees, but may not be aware of the conditions that have caused the altered appearances. They are not used to seeing these changes; therefore, they may have more questions and concerns more likely this year than in past years.

Note, these areas are protected by law and observation by me, the CDD Environmental Chair, Beautiful Ponds, and Aquatic Weed Control have been made. There is recorded evidence that several areas have been encroached upon. Encroachment includes non-native plantings, trash and debris, and removal of native plants.

The below list items that should not occur:

- Vehicle traffic of any type is not allowed in any of the preserve areas without a specific permit; including lawn mowers. This means NO MOWING.
- Dumping of any type of lawn vegetation is not allowed, i.e. no grass clippings, no tree or shrub trimmings, no mulches.
- Dumping of any construction or home improvement material, cleaning solutions, or chemicals is prohibited.
- Dumping of any type of lawn care chemicals is prohibited. Landscape contractors must be informed and instructed to keep *lawn turf edged* to prevent non-native grass encroachment into the preserve areas.
- Planting of any type is prohibited within the boundaries of preserve areas; removal of the native wetland and upland plants or trees is also prohibited without a specific permit from the local governing authorities.
- Disturbing any wildlife or the habitat of any wildlife within preserve areas is not permitted.
- Fertilizers should not be applied near any water body, swale, ditch, water retention pond, storm water inlet, wetland or preserve area.

Additional Items:

1. Although some of the branches are dead the majority of the Willow is still live and will green back up in the spring, most likely sometime from February thru April.
2. Preserves/wetlands are periodically treated for exotic and invasive species. A vendor is secured to take out the exotic vegetation and to recapture some of the area that has grown out of its boundary.
3. Possible solution is to create and approve a CDD policy for preserves. The following was created by the Environmental Chair.
4. If a resident thinks the preserves/wetlands have encroached upon their property they should follow the below, unless there are any other constraining agreements for the homeowners property other than the Environmental Resource Permit:

- a) Fill out and submit a Riverwood Environmental Work Request Form.
 - b) Review the “as built” survey for your residence.
 - c) If it is determined from the survey that the vegetation in question is within your property boundary you should feel confident to have it removed.
 - d) The cut vegetation should never be placed within the preserve/wetland boundary.
 - e) The cut material has to be disposed offsite.
 - f) If however the vegetation is outside of your property boundary, it has to be left in place.
 - g) If any part of the vegetation is overhanging onto your property, remove just the overhanging vegetation, not the entire vegetation in question.
5. Property ownership boundaries will most likely be an ongoing issue. There is no clear understanding of where the boundaries are located. It could be beneficial for the areas to be surveyed and then some type of permanent physical boundary marker be placed in the landscape. An alternate to a hardscape boundary marker could be created with something aesthetically pleasing such as a row of Fakahatchee grasses.

Individual Preserves:

Preserve K: Appears to have removal of vegetation along the edge.

Preserve K and Lake 17: Small swallow breach on berm. Severn Trent Operations has been asked to look at the area.

Preserve E: Appears to have removal of vegetation along the edge.

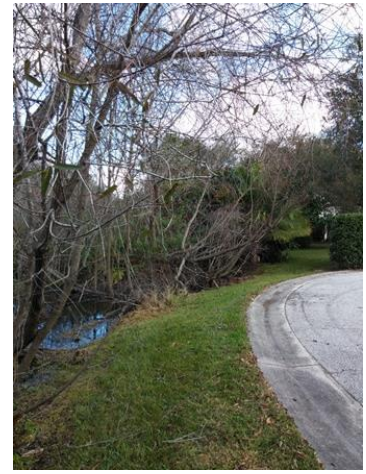
Aquatic Weed Control, Inc treated exotics in Preserve P & Q on 12/02/2014. Wildlife observed was snakes.

Photos following:

Vegetation is being removed from preserves and non-natives such as banana trees are left in or on the perimeter.

Removal, cutting, and leaving of vegetation in wetlands are occurring.

Also, note the recaptured area along the roadway. This area is okay to recapture. However, the landscaper should actually cut the higher level branches, thus allowing more sunlight for the landscape grasses when the trees grow leaves again in the spring.



Non-natives planted either in or on perimeter of preserve/wetland.



Dormant Willow and Duck weed.



3. Facilities:

- **Pool Equipment:** No new issues observed this month.

- **Pumps, Pool Restroom, 12 Pool Lights, and Fencing Area:** No new issues observed this month.
- **Pavilion:** No new issues observed this month.
- **Activity Center:** No new issues observed this month.
- **Community Center:** No new issues observed this month.
- **Pool Pavers:** No new issues observed this month.
- **Signage:** No new issues observed this month.

4. Sports Courts:

- a. **Bocce Courts, Croquet Field, Basketball Court, and Horseshoe Pits:** No new issues observed this month.
- b. **Tennis Courts:** No new issues observed this month.

5. Kids Playground: No new issues observed this month.

6. Dog Park & Perimeter Fence: No new issues observed this month.

7. Roadways including Asphalt, Signage/Landscaping, and Common Grounds: No new issues observed this month.

8. Sidewalks: Safety issue reported. Sidewalk had cement cut out of it for a component of the overall water facility off Club Drive near RV Park and Riverwood. Serven Trent Operations has been asked to review area.

9. Storm Drainage System:

- Dog Poop Bag noted on storm drain at 3393 Grand Vista Court
- Fairway Lakes Control Structure Blocked—will be removed.

Photo: Dead Bulrush has windblown in front of structure.



10. Irrigation System: No new issues observed this month.

11. RV Parking Lot: The Brazilian Pepper has been heavily cut back from the RV side. Project completed by Premier. This area still has a ‘green screen’ any open area will fill back in--the remainder of Brazilian Pepper will produce leaves fast enough to fill any gaps.

All the Brazilian Pepper will be removed on the side with the shell material maintenance road leading to the golf course maintenance building. The landscape shrub lining the sidewalk will be left. A planting plan has been submitted, but not approved. The planting plan came in high, so a revision of planting

type and number of plants will be requested. This area does look open; however it will be addressed with plantings.

12. Non CDD Issues Observed: None at this time.

13. Gates: Back gate periodically has been down throughout month. Temporary cameras have been installed.

14. Fish/Wildlife Observations:

This month there was a high amount of wildlife seen throughout the property.

- | | | | |
|------------------------------------|---|----------------------------------|-------------------------------------|
| <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 | X Osprey | <input type="checkbox"/> Ibis |
| <input type="checkbox"/> Woodstork | <input type="checkbox"/> Otter | X Alligators | X Snakes |
| X Turtles | <input type="checkbox"/> Other Species: | | |

WWTP Maintenance Building: Is coming to completion.

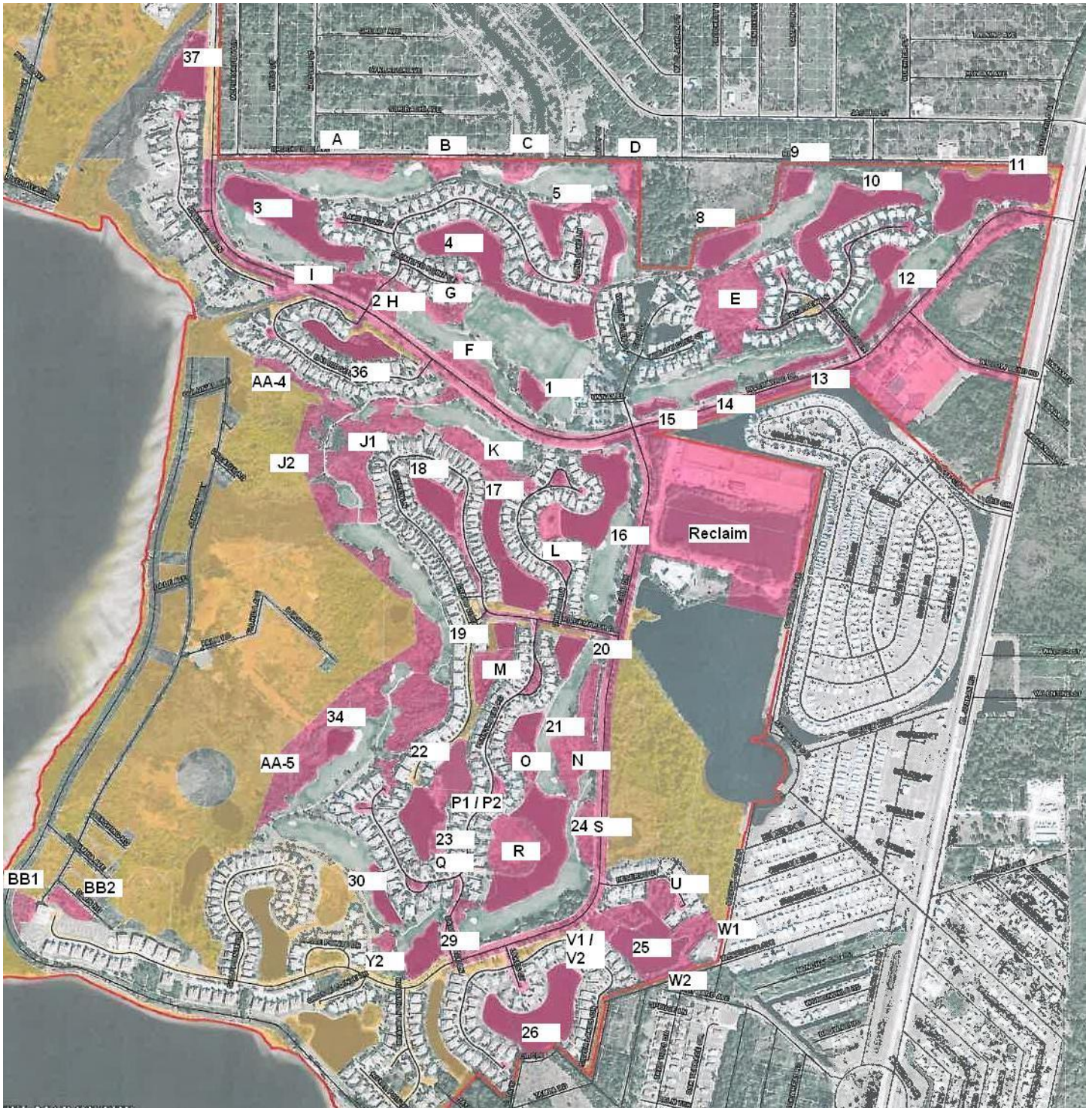
15. Beach Club Update:

Bathroom heavy duty locks have been changed out.

Follow up summary:

Riverwood CDD	
Follow Up Tasks Summary	
Follow Up Task	Action or Completed
CDD Tasks	
Lake 16 Fish Kill	Vertex has provided water quality and information regarding lake and proposed system, Environmental Committee reviewed, and Committee requested additional testing of same lakes and others to provide baseline for the area and to understand more about the nutrient loading. Scheda Ecological asked for estimate. They have asked for additional information. Scheda proposal on consent agenda.
Report all issues to Beautiful Ponds	When completed will pass to the Environmental Chair. Information from the report will be provided in the next FMR.
WWTP and Golf Course Maintenance area road needs fine asphalt layer removed and leveling	Estimate(s) received. Brazilian Peppers cleared. Revision of the planting plan needed and road maintenance to be started.
Dog Park: Estimates for repair of fence and storm drain grate	Contacted Handyman for suggestion on fixing fence, Severn Trent provided quote approved.
Beach Club Tasks	Bathroom heavy duty locks have been changed out.
Numerous	Committee has just formed and tasks are being reviewed
CDD Contractor Tasks	
Back Gate Light Fixtures	Electrician will have to do work and will be schedule the next time there are numerous items to do on the property.
Gate Medic, Back Gate Lighting Issues	Surge Protection to be researched and needs to be determined if option or not.
RCA Tasks	
Landscaping at and in between 13881 & 13889 is out of control and needs to be recaptured by the homeowner, also soil stabilization is needed.	RCA is working on issue. One property is being addressed. RCA staff will try to contact the other homeowner.

CDD Lakes document has been added for reference.



This project list revised on 11/12/2014.

<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>
Playground repairs	5/12/14	1,800	ArtisTree	Connie	Appr.	Appr.	GF/Act Ctr Campus/Rrecreation Ctr		BOS on 6/17/14. Work is not to exceed
Install new Walkway for Handicap Access	5/18/14	450	Southwest Pools	Connie	Appr.	Appr.	GF/Act Ctr Campus/Rrecreation Ctr		Renegotiating as Vendor does not want to do such a small job.
Lighting Dog Park Parking Lot to AC Bldg	5/23/14			Connie	No	Yes	Act Ctr Campus		Approved to solicit bids. On Hold.
Remove Asphalt/Level Road behind RV park	7/28/14			Molly	Yes	Yes	R&M Roads		Molly Getting Bids
Deep Cleaning of Carpets & Tiles	8/25/14			Connie/Molly	No	No	R&M Activity Ctr		Connie getting bids
Fitness Ctr Equipment Replace - Bicycle	9/8/14	400		Jibby	Appr.	Appr.	Reserves		Bicycle is in/needs assembly Connie is ordering signs
No Smoking Area and Signs	9/8/14	850	Various	Rita & Connie	No	No	GF/Act Ctr/Misc Cont		
Security Cameras for the Activity Center Campus and Gates	9/8/14			Rita/Jibby/Molly	Yes	Yes	GF/Act Ctr/Cap Outlay		Have bids/needs to be reviewed
Security Cameras WWTP & RV area	9/8/14			Jim & Sheryl	No	Yes			

List Continues on following page.

Road Inspections	9/24/14	750	Jeff Keyser	Rita/Molly/Connie	Appr.	Appr.	Reserves	Connie is setting up
Sling Chair repairs	10/1/14			Jibby	Yes	Yes	GF/Act Ctr/R&M Act Ctr	Will be approved at next Meeting
Wayne Monitoring System	10/1/14		Wayne	Molly & Rita	???	???	GF/Act Ctr/R&M Act Ctr	Molly is contacting Wayne for more information.
Tennis Court Lighting Bulb Replacement & other areas needing High Ladder	10/17/14			Connie	No	No	GF/Act Ctr/R&M Recrea Ctr	Connie is getting Bids/Rick to install
Brazilian Pepper Removal	10/21/14			Molly	Yes	Yes	GF/Road & Street/Misc Cont	Getting Bids
Pond Fountains Repairs Needed	10/22/14			Molly	Yes	Yes		Researching
Temporary Security Cameras for Back Gate	10/24/14	342	Bass Pro	Molly	No	No	GF/Activity Ctr Campus/Contingency	Molly is ordering
Drainage Problem in Lakeshore Villiage	10/25/14			Molly/Henry	Yes	Yes	R&M storm Drains	
Street Signs	10/27/14			Butch & Bob Walker	Yes	Yes	GF/Roads & Street Fac/R&M-Signage	Butch is working with Bob Walker (RCDD Budget Committee) & Rita
Sidewalk Pressure Cleaning	11/3/14			Rita/Connie	Yes	Yes	R&M-Sidewalks	Rita getting bids
REVISED 11/12/14								