

# CDD Environmental Committee Meeting Agenda December 4, 2025

# Draft meeting agenda

- 1) **Call to Order and Roll Call 12/04/25 meeting**
  - a) Committee: Chairman Larry Lancette, ( )
  - b) Committee members: Jill Rowan ( ) Harry Davis VIA Zoom ( ) Brian Murphy ( ) Bruce Barnes ( )
  - c) RCDD Board Liaison: Don Hester ( )
  - d) Environmental Consultant Hall and Associates Tim Hall ( ) , Christina Hall, ( )
  - e) Guest: Brian Colson APS/Atlantic Pipe Services ( )
  - f) Guest Felipe Lemus FLGIS Solutions ( )
  - g) Rebel Miller AWC ( )
- 2) **Meeting Minutes 11/06/25**
- 3) **Storm Water & Sewer System Cleaning**
  - a) Brian Colson service update
    - i) Video inspection logs:
    - ii) Pipe locations
    - iii) Preserve N The Berm is slowing stormwater flow and recommended further investigation that may include vegetation removal to enhance stormwater flow.
  - b) Felipe to provide pipe ID location numbers (per table provided by LL) to correlate with dry pipe photos.
- 4) **Updating the Riverwood Preserve and Lake maps.**
  - a) Joint project between RCA and RCDD
  - b) Felipe Lemus FLGIS Solutions . Cost to update existing and annual cost.
  - c) CDD EC Discussion
- 5) **Lake/Ponds Maintenance**
  - a) Maintenance Update: Rebel M
  - b) AWC Service Reports Lake's
    - i) 11/06/25 and 11/13/25
- 6) **Preserve Management**
  - a) Preserve maintenance update Rebel M
  - b) Updated spread sheet
  - c) Property owner at 13984 Long Lake Lane will be installing riprap on the bank of Lake #5a to curb erosion.
    - i) DH has the CDD engineer to provide construction management oversight to ensure the contractor properly installs riprap.
  - d) AWC Service reports Preserves
- 7) **Preserve Management 2025**
  - a) **Hall and Associates TH/CH** to update preserve status.
- 8) **Lake Water Quality Testing Storm Water Ponds**
  - a) BM will contact the Charlotte County water quality coordinator to obtain more information on water quality testing and report back to the committee.
- 9) **Common Elements**
- 10) **New Business:**
  - a) Felipe Lemus FLGIS Solutions will demonstrate GIS elements we've yet to utilize.
  - b) He intends to walk us through the additional resources represented by the GIS system already purchased by the CDD & RCA.
  - c) CDD EC Upgrade notes for Felipe
  - d) History of Lake / Pond numbering
- 11) **Audience -Comments:**
- 12) **Next meeting is January 1, 2026, is a holiday Move to January 8<sup>th</sup> ?**
- 13) **Adjourn**

Riverwood CDD Environmental Committee  
Meeting Minutes – November 6, 2025 Corrected 12/3/25 LHL

Committee members present – Larry Lancette (LL), Brian Murphy (BM), Bruce Barnes (BB), Harry Davis (HD), and Jill Rowan (JR) via zoom.

Don Hester (DH) BOS

Also present – Felipe Lemus (FLGIS), Rebel Miller (RM) Aquatic Weed Control, Tim Hall (TH) Hall and Associates, Brian Colson (BC) Atlantic Pipe Services, Will Cronin (WC) Passarella & Associates, Inc. and Maureen Hoffer (MH) with RCA.

1. Quorum was achieved. October 2, 2025 meeting minutes were approved.
2. BOS no updates
3. **Updating Riverwood Preserve and Lake Maps**
  - a. Guest Brian Colson Will Cronin provided presentation describing the creation of a GIS database and mapping system specific for Riverwood. This is a joint RCA/CDD project. The project is proposed to cost \$19,750.00, the cost of which the RCA and CDD will share. The annual license and maintenance fee of the database is \$150. Riverwood will be billed time and materials for any future requested, "add ons" to the database.
  - b. The committee approved a motion to hire Passarella & Associates to create the GIS database pending a CDD legal opinion and approval by the RCA board.
4. **Lake Management**
  - a. RM reported that algal blooms were documented and being treated on Lake #5a and #11.
  - b. The committee approved a motion to hire Aquatic Weed Control at a cost of \$28,404.00 to maintain all 30 CDD lakes in 2025-26. The AWC contract cost is the same as the last fiscal year.
  - c. Property owner at 13984 Long Lake Lane will be installing riprap on the bank of Lake #5a to curb erosion. DH is having the CDD engineer provide construction management oversight to ensure the contractor properly installs riprap.
5. **Preserve Management**
  - a. DH and RM provided committee members with preserve updates that included a printout of exotics found in each preserve during August and October. All 43 preserves are currently in compliance with regulatory permit guidelines.
  - b. It was noted that Melaleuca and Brazilian pepper growth exists on adjacent RCA property next to Preserve J2 that will provide a constant seed source of exotics. Quarterly maintenance of J2 should prevent any significant future growth of exotic vegetation.
6. **Stormwater Management**
  - a. Guest Brian Colson provided a presentation regarding the cleaning of CDD stormwater culverts. BC provides daily progress updates to DH that includes photos. To date, approximately 40% of culverts that were 30% and 50% blocked have been cleaned. Examples of cleaned culverts were shown that show removal of sandbags, bricks and chipped pipe joints. Daily logs are also created. Once work is completed APS will provide a list and repair cost for problem culvert infrastructure. FL will work with BC on updated pipe identification. TH reported that there is a berm in Preserve N that is slowing stormwater flow and recommended further investigation that may include vegetation removal to enhance stormwater flow.
7. **New Business**
  - a. Lake Water Quality Testing. BM asked that the committee consider testing water quality on all CDD Lakes. Water quality was last tested in 2016 as part of the Lake Management Report. Currently Charlotte County tests (monthly basis) water quality at the Lily Pond, Preserve I, which is the outflow terminus of the stormwater system of ponds north of Riverwood Drive that drain into the Myakka River. BM will contact the Charlotte County water quality coordinator to obtain more information on water quality testing and report back to the committee.

**Next Meeting is December 4, 2025.**

3)b)

c. Videos and JPEG photos below from Dry Pipe info. with no pipe identification numbers. Could you provide the Pipe ID numbers?

IMG ID	Date Time	JPEG or DVD	Size	RR???-???
IMG_0557	5,/27/2025 10:43 AM	JPEG File	783 KB	
IMG_0557	5/29/2025 fr.41 AM	Any DVD	717 KB	
IMG_0558	5/27/202510:43 AM	JPEGFile	764 KB	
IMG_0558	5/29/2025 fr.41 AM	Any DVD	815 KB	
IMG_0559	5,/29/ 2025 fr.41 AM	Any DVD	95,1 KB	
IMG_0559	5/27/202510:51 AM	JPEGFile	640 KB	
IMG_0560	5,/27/ 202510:51 AM	JPEGFile	1,092.KB	
IMG_0560	5/29/2025 fr.41 AM	Any DVD	1,152KB	
IMG_0561	5,/27/ 202510:54AM	JPEGFile	313KB	
IMG_0561	5,/29/ 2025 fr.41 AM	Any DVD	357 KB	
IMG_0562	5/27/202510:55,AM	JPEGFile	1,027 KB	
IMG_0562	5/29/2025 fr.41 AM	Any DVD	365 KB	
IMG_0563	5/27/2025 10:53 AM	JPEGFile	636 KB	
IMG_0563	5/29/2025 fr.41 AM	Any DVD	399 KB	
IMG_0564	5,/29/ 2025 6:41 AM	Any DVD	566 KB	
IMG_0564	5/27/202510:5,BAM	JPEG File	443 KB	
IMG_0565	5,/27/ 202510:53AM	JPEG File	394 KB	
IMG_0565,	5,/29/ 2025 fr.41 AM	Any DVD	938 KB	
IMG_0567	5,/29/ 2025 fr.41 AM	Any DVD	1,025 KB	
IMG_0567	5/27/202512:01 PM	JPEGFile	708 KB	
IMG_0569	5,/29/ 2025 fr.41 AM	Any DVD	1,012 KB	
IMG_0569	5/27/202512:02 PM	JPEGFile	1,2H KB	
IMG_0573	5/27/202512:04 PM	JPEG File	792 KB	
IMG_0573	5/29/2025 fr.41 AM	Any DVD	1,0S.5 KB	
IMG_0575	5,/27/ 202512:20 PM	JPEGFile	353- KB	
IMG_0575	5,/29/ 2025 fr.41 AM	Any DVD	943: KB	
IMG_0576	5,/27/ 202512:20 PM	JPEG File	716 KB	
IMG_0576	5/29/2025 fr.41 AM	Any DVD	909 KB	
IMG_0577	5/27/202512:20 PM	JPEGFile	795 KB	
IMG_0577	5/29/2025 fr.41 AM	Any DVD	85,9 KB	
IMG_0579	5/29/2025 6:41	Any DVD	757 KB	
IMG_0581	5/29/2025 6:41	Any DVD	777 KB	
IMG_0581	5/27/202512:24 PM	JPEG File	812 KB	

IMG ID	Date Time	JPEG or DVD	Size	RR???-???
IMG_0582	5/29/2025 6:41	Any DVD	8B6 KB	
IMG_0582	5/27/202512:27 PM	JPEG File	817 KB	
IMG_0584	5/29/2025 6:41	Any DVD	709 KB	
IMG_0584	5/27/202512:31 PM	JPEG File	637 KB	
IMG_0586	5/29/2025 6:41	Any DVD	1,082 KB	
IMG_0586	5/27/202512:3B PM	JPEG File	1,10BKB	
IMG_0588	5/29/2025 6:41	Any DVD	1,013KB	
IMG_0588	5/27/202512:38 PM	JPEG File	376 KB	
IMG_0589	5/27/2025 12:41	JPEG File	675 KB	
IMG_0589	5/29/2025 6:41	Any DVD	390KB	
IMG_0591	5/27/2025 12:41	JPEG File	82.9 KB	
IMG_0591	5/29/2025 6:41	Any DVD	716 KB	
IMG_0594	5/27/2025 12:44	JPEG File	942KB	
IMG_0594	5/29/2025 6:41	Any DVD	929KB	
IMG_0596	5/27/2025 12:44	JPEG File	82.4 KB	
IMG_0596	5/29/2025 6:41	Any DVD	944KB	
IMG_4427	5/15/2025 10:27	JPEG File	1,035 KB	
IMG_4428	5/15/2025 10:27	JPEG File	314 KB	
IMG_4429	5/15/2025 10:2-8 AM	JPEG File	1,.235 KB	
IMG_4430	5/15/2025 10:29	JPEG File	1,246 KB	
IMG_4431	5/15/2025 10:47	JPEG File	1,143 KB	
IMG_4432	5/15/2025 10:47	JPEG File	1,418 KB	
IMG_4433	5/15/2025 10:55	JPEG File	1,487 KB	
IMG_4434	5/15/2025 12:20	JPEG File	955 KB	
IMG_4435	5/15/2025 12:20	JPEG File	1,371 KB	
IMG_4455	5/19/2025 9:56	JPEG File	WKB	
IMG_4456	5/19/20259:57 AM	JPEG File	1,040 KB	
IMG_4457	5/19/20259:57 AM	JPEG File	S87KB	
IMG_4506	5/27/202510:11AM	JPEG File	514 KB	
IMG_4507	5/27/202510:11AM	JPEG File	1,024 KB	
IMG_4508	5/27/202510:15AM	JPEG File	1655 KB	
IMG_4509	5/27/2025 10:20	JPEG File	611 KB	
IMG_4510	5/27/202510:20 AM	JPEG File	1,03-3KB	
IMG_4511	5/27/2025 10:26	JPEG File	963KB	
IMG_4512	5/27/2025 10:26	JPEG File	454 KB	

## FLGIS Upgrade notes 12/4/25

### Map Layers

- 1) Base Map size
- 2) RCDD Preserves / Wetlands
  - a) Priority : Jurisdictional Determination Permits and Parcel ID links
- 3) RCA Preserves / Wetlands
  - a) Future Priority : Jurisdictional Determination Permits and Parcel ID links
- 4) RCDD Lakes /Storm Water Ponds
  - a) Future Priority1, RCDD ID# Parcel outline Color coded
  - b) Future Priority 2 Maintenance Easements around ponds
- 5) RCA Lakes /Storm Water Ponds
  - a) Future Priority Maintenance Easements around ponds
  - b) Future Priority Pond erosion links to information
- 6) Storm Water Management RCA and RCDD
  - a) Pond interconnect
    - i) Structure ID# In and out or flow arrows
    - ii) Sewer drain ID# In and out or flow arrows
    - iii) 2025 pipe colors Red, Green for degree of cleaning required

### Numbering

- 1) All RCDD areas are identified with the ID number in parentheses brackets (ID)
- 2) All RCA areas are identified with no brackets
- 3) All out-parcels owned by the Golf Club, Centex, or Private Ownership have the ID number in square brackets [ID]

### Existing GIS

Username: Riverwood\_GIS

Password: GIS4250!

Link

<https://experience.arcgis.com/template/5b0f09a1bf264d258cf0585245483571>

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Who will have login information?

## Map Layers

- 1) Prefer separate layers for CDD & RCA Lake/Ponds and preserves
- 2) Some of the lake numbers are wrong
  - 4 Should be (4a) & (4b)
  - 5 Should be (5) & (5b)
  - 19 Is owned by the RCA and CDD Need separation line CDD (19) RCA 19
  - 22 Is blank no number
  - 35 Is owned by CDD and CH3 Numbers should be (55) & 55}







# AQUATIC WEED CONTROL, Inc.

Orlando - Ft. Myers - Tampa - Daytona Beach 800-543-6694

## Lake & Wetland Customer Service Report

Job Name: Lakes

Customer Number: 875

Customer: RIVERWOOD CDD

Technician: Miguel

Date: 11/13/2025

Time: 03:00 PM

Customer Signature: \_\_\_\_\_

Waterway Treatment	Algae	Submersed Weeds	Grasses and brush	Floating Weeds	Blue Dye	Inspection	Request for Service	Restriction	# of days
17	x								
18	x								
19	x								
20	x								
21	x								
22	x								
23	x								
24	x								
25	x								
26	x								
29	x	x							
30	x								
34	x								

- treated lake # for \_?\_:

17, Filamentous algae  
 18, Filamentous algae  
 19, Filamentous algae  
 20, Filamentous algae  
 21, Filamentous algae  
 22, Filamentous algae  
 23, Filamentous algae  
 24, Filamentous algae  
 25, Filamentous algae  
 26, Filamentous algae  
 29, Widgeon grass  
 30, Filamentous algae  
 34, Filamentous algae

### CLARITY

- ☒ < 1'  
☐ 1-2'  
☐ 2-4'  
☐ > 4'

### FLOW

- ☒ None  
☐ Slight  
☐ Visible

### METHOD

- ☒ ATV  
☐ Airboat  
☐ Backpack

- ☐ Boat  
☐ Truck

### CARP PROGRAM

- ☐ Carp observed  
☐ Barrier Inspected

### WATER LEVEL

- ☐ High  
☐ Normal  
☒ Low

### WEATHER

- ☒ Clear  
☐ Cloudy  
☐ Windy  
☐ Rainy

### FISH and WILDLIFE OBSERVATIONS

- ☒ Alligator ☐ Catfish ☐ Gallinules ☐ Osprey ☐ Woodstork

## 10)d) History of Lake / Pond numbering Page 1

Owner	2025 FLGIS	2016 & 2021	Suggested new lake numbering 10-1-14	RCA/BP Lake ID Golf 10/10/13	RCA/BP Lake ID Sawgrass 10/10/13	CDD Lake ID # Revised 2013	CDD WP Lake ownership 17-14	C Pepin ID 3/15/13 used for one report	Wright Counselling Group 2006	CPH Erosion map 10-31-16
RCDD	1	(1)	(1)	1	Not	1	1	13	19	1
ID# Not Used	ID# Not Used	ID# Not Used	(2)							2
RCDD	3	(3)	(3)	2	Not	3	3	11	2	3
RCDD	4	(4a)	(4)	3	Not	4	4	9	5	4
RCDD	4	(4b)	(4)	3		4	4	9	5	4
RCDD	5	(5a)	(5a)	3	Not	5	5	9	6	5
RCDD	5	(5b)	(5b)	4	Not	4	4	10	6	5
WG CDD ?	6	shows 8 revise (6)	(6)	5	Not	6	6	Not	8	6
WG CDD ?	7	shows (7) revise: (7)	(7)	6	Not	7	7	Not	9	7
RCDD	8	(8)	(8)	7	Not	8	8	4	10	8
RCDD	9	(9)	(9)	8	Not	9	9	3	11	9
RCDD	10	(10)	(10)	9	Not	10	10	2	12	10
RCDD	11	(11)	(11)	10	Not	11	11	1	14	11
RCDD	12	(12)	(12)	11	Not	12	12	5	13 & 15	12
RCDD	13	(13)	(13)	12	Not	13	13	6	16	13
RCDD	14	(14)	(14)	13	Not	14	14	7	17	14
RCDD	15	(15)	(15)	14	Not	15	15	8	18	15
RCDD	16	(16)	(16)	15	Not	16	16	16	20	16
RCDD	17	(17)	(17)	16	Not	17	17	15	21	17
RCDD	18	(18)	(18)	17	Not	18	18	14	22	18
RCDD/RCA	19	(19) or 19	(19) or 19	18	Not	19	19	19	23	19
RCDD	20	(20)	(20)	19	Not	20	20	20	24	20
RCDD	21	(21)	(21)	20	Not	21	21	23	25	21
RCDD	blank	(22)	(22)	21	Not	22	22	22	26	22
RCDD	23	(23)	(23)	22	Not	23	23	24	28	23
RCDD	24	(24)	(24)	23	Not	24	24	26	29	24
RCDD	25	(25)	(25)	24	Not	25	25	28	37	25
RCDD	26	(26)	(26)	25	Not	26	26	29	36	26
ID# Not Used	None	No #27	27 or (27)							Not Identified

## 10)d) History of Lake / Pound numbering Page 2

	2025 FLGIS	2016 & 2021	Suggested new lake numbering 10-1-14	RCA/BP Lake ID Golf 10/10/13	RCA/BP Lake ID Sawgrass 10/10/13	CDD Lake ID # Revised 2013	CDD WP Lake ownership 17-14	C Pepin ID 3/15/13 used for one report	Wright Consulting Group 2006	CPH Erosion map 10-31-16
ID# Not Used	None	No #28	28 or (28)							Not Identified
RCDD	29	(29)	(29)	28	Not	29	29	27	33	Not Identified
RCDD	30	(30)	(30)	29	Not	30	30	25	32	Not Identified
ID# Not Used	None	No #31								37
ID# Not Used	None	No #32								Not Identified
ID# Not Used	None	No #33								Not Identified
RCDD	55	(55) & {55}	(34)	33	Not	34	34	21		Not Identified
ID# Not Used	None	No.#35	35 or (35)							Not Identified
RCDD	36	(36)	(36)	36	Not	Not	36	12	3	Not Identified
RCDD	37	(37)	(37)	Not	37	37	37	18	1	Not Identified
RCA	38	38	38	Not	38	Not	38	Not		Not Identified
RCA	39	39	39	Not	39	Not	39	Not		Not Identified
RCA	40	40	40	Not	40	Not	40	Not		Not Identified
RCA	41	41	41	Not	41	Not	41	Not		Not Identified
RCA	42	42	42	Not	42	Not	42	Not		Not Identified
RCA	43	43	43	Not	43	Not	43	Not		Not Identified
RCA	44	44	44	Not	44	Not	44	Not		Not Identified
RCA	45	45	45	Not	45	Not	45	Not		Not Identified
RCA	46	46	46	Not	46	Not	46	Not		Not Identified
RCA	47	47	47	Not	47	Not	47	Not		Not Identified
RCA	48	48	48	Not	48	Not	48	Not		Not Identified
RCA	27	49	49	26	Not	Not	27	Not		Not Identified
RCA	28	50	50	27	Not	Not	28	Not		Not Identified
RCA	31	51	51	30	Not	Not	31	Not		Not Identified
RCA	Blank	52	52	31	Not	Not	32	Not		Not Identified
RCA	Blank	53	53	32	Not	Not	33	Not		Not Identified
RCA	Blank	54	54	Not	Not	Not	Not Identified	Not		Not Identified
Ch-3/RCDD		[55] or (55)	<55> or (55)	35	Not	Not	35	Not		35
RCDD	Storage?	Reclaimed Water	Reclaimed Water	34	Not	Reclaim	Not Identified	17		Not Identified
RCDD		Wetland ( I )				2	2	30	4	2
4 investments		(Outside Riverwood Property)							7	Not Identified