

CDD Environmental Committee Meeting Agenda January 8, 2026

Draft meeting agenda

- 1) **Call to Order and Roll Call 01/08/26 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 12/4/25**
- 3) **Storm Water & Sewer System Cleaning (Tabled until February 5th meeting)**
 - a) Brian Colson service update (Tabled until February)
 - 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.
 - c) FLGIS Service Agreement
- 4) **Updating the Riverwood Preserve and Lake maps. (Tabled until February 5th meeting)**
 - a) Joint project between RCA and RCDD
 - b) Felipe Lemus FLGIS Solutions . Cost to update existing and annual cost.
 - c) CDD EC Discussion
 - d) Lake numbering history (Two pages)
- 5) **Lake/Ponds Maintenance**
 - a) Maintenance Update: Rebel M
 - b) AWC Invoice 11/30/25 and 12/24/25
 - c) AWC Service Reports Lake's
 - i) CSR 1 - CSR 3 12/30/25 CSR 1 – CSR 3 11/06/25
 - d) Lake Water Quality Testing Storm Water Ponds
 - i) BM Update
 - ii) See Attachments 5)c)ii) three pages
- 6) **Preserve Management**
 - a) Preserve maintenance update Rebel M
 - b) Updated spread sheet
 - c) AWC Service reports Preserves
 - d) Preserve (J1)a Resident would like to read the rules determining all the preserve work around hole 16,17, and 18.
- 7) **Preserve Management 2025**
- 8) **Hall and Associates TH/CH** to update preserve status for the September meeting
 - 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) **Audience -Comments:**
- 11) **Next meeting is scheduled for February 5, 2026 Change to 12th (Chairman will be out of the country on the 5th**
- 12) **Adjourn**

2)

Committee members present – Larry Lancette (LL), Brian Murphy (BM), Harry Davis (HD) via zoom, and Jill Rowan (JR). Don Hester (DH) and Robert Humberstone (RH) BOS
Also present – Felipe Lemus (FLGIS), Rebel Miller (RM) Aquatic Weed Control, Christina Hall (CH) Hall and Associates, Maureen Hoffer (MH) and Jim Freeman (JF) with RCA.

1. Quorum was achieved. November 6, 2025 meeting minutes required revision. Submit for approval next meeting.
2. **BOS update**; refer to details below.
3. **Financial Statement Update**
 - a. RH provided a handout of CDD expenditures and explained year-end financials. Enviro Reserve was under budget at \$234,644. Projected next year reserve is \$601,438.
4. **Updating Riverwood GIS Mapping**
 - a. FL explained that FLGIS had already developed a community wide GIS system funded by the prior BOS in 2023. The EC and current BOS were unaware of the existing Riverwood GIS system. FL provided a demonstration of this system and its multiple components/map layers. EC members have access to this system via computer and phone app - Field Maps ESRI. The CDD and RCA will provide a wish list of additional items to be added. FL will bill time and materials for any future requested, “add ons” to the database. A public GIS version for the Riverwood website will be developed. FL will provide a tutorial for the EC in the near future. DH will investigate if a new contract for FLGIS is required.
5. **Lake Management**
 - a. RM provided a review of monthly treatment reports. Algal blooms have been eradicated on Lake #5a and #11.
 - b. RM mentioned that lake’s vegetative buffer are not treated thus vegetation such as alligator weed and torpedo grass encroach into the lakes requiring maintenance.
 - c. DH met with property owner at 13984 Long Lake Lane and contractor (Lakeshore Enterprises) that will be installing riprap on the bank of Lake #5a to curb erosion. The property owner is assuming the cost of erosion repair. DH is having the CDD engineer (Johnson Engineering) provide construction management oversight to ensure the contractor properly installs riprap. Project is expected to start within the month.
 - d. Water Quality Testing: BM provided overview of technical guidance provided by Brandon Moody, Charlotte County water quality program. Brandon will be providing monthly data the County collects at Wetland I (Lily Pond). DH suggested contacting Riverwood water treatment staff to determine if they can sample and process water quality samples in CDD Lakes. DH will arrange for a meeting to obtain more details.
6. **Preserve Management**
 - a. RM provided committee members with preserve updates. Preserves look good including J2 and plantings in Preserve E. Tim Hall needs to have Charlotte County conduct a field review of Preserve E and signoff on plantings.
 - b. DH requested that RM provide an estimate to manage area near Preserves N and S along Club Drive.
 - c. Common Area: JR noted that a parcel near the RV park and behind sea grapes, which had been managed in the past, has an overgrowth of Brazilian Peppers. This area may serve as a potential seed source and should be assessed. While this is most likely CDD property, MH will research and determine property ownership.
7. **Stormwater Management**
 - a. DH provided update on stormwater culvert cleaning by Atlantic Pipe Services (APS). Approximately 85% of the proposed work has been completed. DH receives daily updates from Brian Colson (BC). 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. BC has identified a culvert not previously documented.

Next Meeting is January 8, 2026.

3)b) Tabled for February meeting

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	5/27/202512:38 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	

3)c)



Riverwood Community Development District
c/o Inframark
210 N. University Dr
Coral Springs, FL 33071

**RE: Professional Services Agreement between FL GIS Solutions, LLC and
Riverwood Community Development District**

We at FL GIS Solutions, LLC are excited to work with Riverwood Community Development District. Pursuant to our conversations, I am providing this professional services agreement.

General Agreements:

- I. Services** – FL GIS Solutions, LLC will provide Geospatial services which include the following. Services performed by the consultant include gathering and manipulating spatial data, inputting data into a GIS geodatabase, data research, field data collection, creating maps and graphs, and maintaining the CDD GIS Web Application system.
 - A.** For project maintenance Riverwood Community Development District ("RWCCD") will be billed at a rate of \$125.00 per hour. Updates include revising ownership information, adding/revising website hyperlinks and incorporating additional changes or data.
- II. Compensation** – "RWCCD" will pay FL GIS Solutions, LLC on a time and materials (T&M) basis for GIS services. FL GIS Solutions, LLC will provide monthly invoices to Riverwood Community Development District ("RWCCD") per the hourly rate of \$125.00 per hour. FL GIS Solutions, LLC will invoice "RWCCD", on the 1st and or 15th of the month with payment expected within 15 to 30 days.
- III. Termination** - This agreement may be terminated by either party with 30 days written notice. FL GIS Solutions, LLC will not assume liability for obligations to other parties caused by termination of this agreement.
- IV. Data** - All data created for the project described in this agreement is the property of "RWCCD" and will be turned over to "RWCCD" at the completion or termination of this agreement.
- V. Other** - This agreement is only between FL GIS Solutions, LLC and Riverwood Community Development District ("RWCCD"). No obligations to third parties are created by this agreement unless mutually agreed upon and amended in writing by both parties.
- VI. Reimbursables** - Should "RWCCD" request paper prints and or paper plots, the standard rate will be \$4.50 per square foot.



4)c)

Tabled until February 5th meeting

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>

4)c)

Tabled until February 5th meeting

Login How do we verify emails? I have been using the “Skip for now button”



Your email has not been verified.

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Send a verification email to ju***h@i***k.com

[Send verification email](#)

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Who can create an account?

4)c) Tabled until February 5th Meeting

Sign in 

ArcGIS login ^

Username





Password [Show](#)

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[Forgot username?](#) or [Forgot password?](#)

Your ArcGIS organization's URL v

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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}

4)d

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 # 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
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

4)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

Phone: 407-859-2020
Fax: 407-859-3275

Invoice

Date	Invoice #
11/30/2025	117348

Bill To

RCDD
4250 Riverwood Drive
Port Charlotte, FL 33953

Customer P.O. No.	Payment Terms	Due Date
	Net 30	12/30/2025

Description	Amount
Monthly waterway service for 30 waterways associated with Riverwood CDD. 3 visits per month. Completed 11/19/2025.	2,387.00

Thank you for your business.

Total	\$2,367.00
Payments/Credits	\$0.00
Balance Due	\$2,367.00



Aquatic Weed Control, Inc.

P.O. Box 593258
Orlando, FL 32859

Phone: 407-859-2020
Fax: 407-859-3275

Invoice

Date	Invoice #
12/24/2025	117448

Bill To

RCDD
4250 Riverwood Drive
Port Charlotte, FL 33953

Customer P.O. No.	Payment Terms	Due Date
	Net 30	1/23/2026

Description	Amount
<p>Monthly waterway service for 30 waterways associated with Riverwood CDD. 3 visits per month. Completed 12/18/2025.</p>	<p>2,387.00</p>

Thank you for your business.

Total	\$2,367.00
Payments/Credits	\$0.00
Balance Due	\$2,367.00

5)c)l)



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: 11/19/2025

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
6	x		x						
7	x		x						
8	x		x						
9	x		x						
10	x		x						
11	x		x						
12	x		x						
13	x		x						
14	x		x						
15	x		x						
16	x		x						
29	x	x							

- treated lake # for _?_:

06, Planktonic algae, Torpedo grass

07, Planktonic algae, Torpedo grass

08, Planktonic algae, Torpedo grass

09, Planktonic algae, Torpedo grass

10, Planktonic algae, Torpedo grass

11, Planktonic algae, Torpedo grass

12, Planktonic algae, Torpedo grass

13, Planktonic algae, Torpedo grass

14, Planktonic algae, Torpedo grass

15, Planktonic algae, Torpedo grass

16, Planktonic algae, Torpedo grass

29, Widgeon grass

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

☐ Anhinga

☐ Catfish

☒ Coots

☐ Gallinules

☐ Gambusia

☐ Osprey

☐ Otter

☐ Woodstork

☐ _____

5)c)i)



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: 12/11/2025

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
16			x						
17			x						
18			x						
19			x						
20			x						
21			x						
22			x						
23			x						
24			x						
25			x						
26			x						
29			x						
30			x						
34			x						

Treated lakes # for _?_

16, Torpedo grass, Brush, Alligator weed
 17, Torpedo grass, Brush, Alligator weed
 18, Torpedo grass, Brush, Alligator weed
 19, Torpedo grass, Brush, Alligator weed
 20, Torpedo grass, Brush, Alligator weed
 21, Torpedo grass, Brush, Alligator weed
 22, Torpedo grass, Brush, Alligator weed
 23, Torpedo grass, Brush, Alligator weed
 24, Torpedo grass, Brush, Alligator weed
 25, Torpedo grass, Brush, Alligator weed
 26, Torpedo grass, Brush, Alligator weed
 29, Torpedo grass, Brush, Alligator weed
 30, Torpedo grass, Brush, Alligator weed
 34, Torpedo grass, Brush, Alligator weed

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

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ESTIMATE

Florida Utility Solutions LLC
 15275 Collier Blvd. Suite 201-268
 Naples, FL 34119

alana@floridautilitysolutions.com
 +1 (239) 513-0445



Bill to
 Riverwood CDD
 C/O Inframark
 11555 Heron Bay Blvd.
 Suite 201
 Coral springs, FL 33078

Estimate details
 Estimate no.: 3248
 Estimate date: 12/19/2025

Location: Pond Sampling

#	Date	Product or service	Description	Qty	Rate	Amount
1.		Samples	Sample the pond water quality for- Water Temperature Dissolved Oxygen pH Salinity BOD Total Phosphrous Total Nitrogen Ammonia Nitrogen Nitrate/Nitrite TKN Chlorophyll A	1	\$405.00	\$405.00
Total						\$405.00

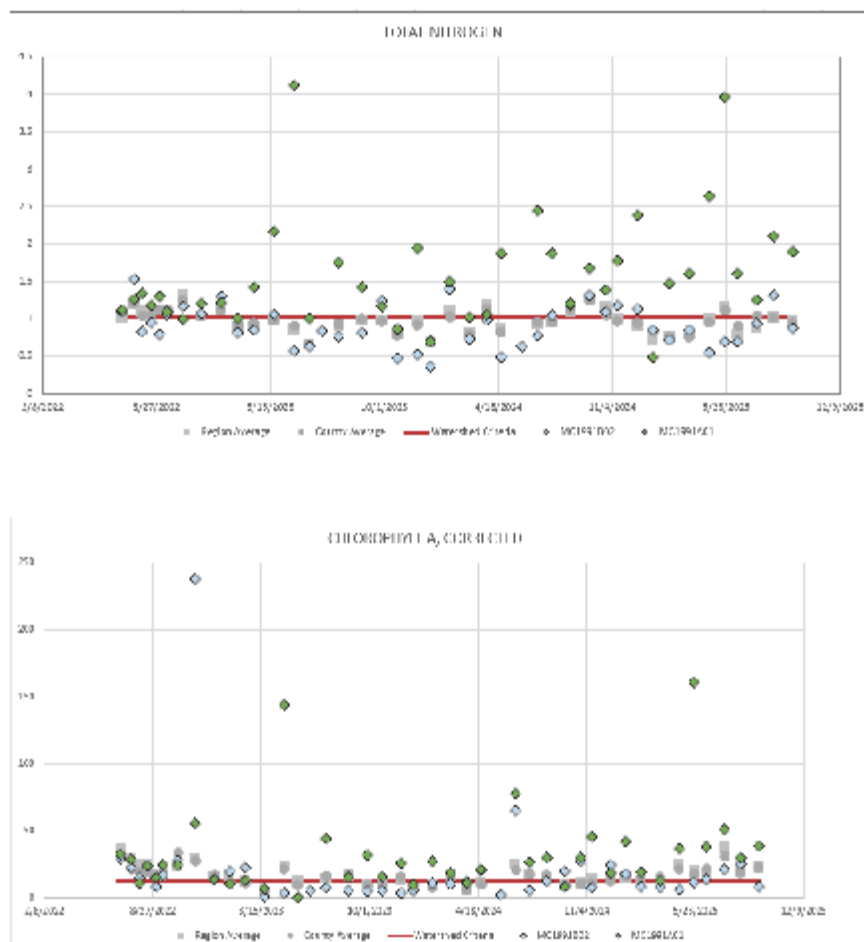
Note to customer
 Upon acceptance please sign and return.
 Payment must be made in full within 30 days of invoice.

Accepted date

Accepted by

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Lily Pond (Wetland I) Station ID# MC1991A01 Dickens Waterway Station ID# MC1991B02 Total Nitrogen & Chlorophyll A Monthly Tests (2022-2025)



Proposed Water Quality Tests for CDD Stormwater Lakes

It has been 10 years since water quality in all 28 stormwater lakes has been sampled. Water quality was tested as part of the Riverwood CDD 2016 Lake Management Study conducted by CPH, Inc. The main goal of a new round of testing would be to conduct a comprehensive “water quality health check” since the 2016 tests. Currently, as part of the One Charlotte/One Water Program, monthly water quality tests are collected at CDD Wetlands. This location is the terminus of a network of 16 stormwater lakes that empty into the Myakka River. Data collected since 2022 indicate two parameters, Total Nitrogen and Chlorophyll A, periodically exceed Florida Department of Environmental Protection (FDEP) target levels. In discussion with Brandon Moody of Charlotte County, water quality tests are recommended to be conducted in April/May at the end of the “dry season” and follow surface water quality Standard Operating Procedures (SOP) as outlined by (FDEP), weblink: <https://floridadep.gov/dear/quality-assurance/content/dep-sop>

Water Temperature: measure of heat that dictates aquatic life survival and dissolved oxygen capacity.

Dissolved Oxygen: amount of gaseous oxygen freely available in water crucial for supporting healthy aquatic life.

pH: measures the acidity or alkalinity of water critical to aquatic life and chemical solubility.

Salinity: a measure of total concentration of dissolved salts in water.

BOD (Biochemical Oxygen Demand): measure of the amount of dissolved oxygen that microorganisms use to break down organic matter.

Total Phosphorous: measure of all forms of phosphorous and indicator of nutrient enrichment.

Total Nitrogen: measures all forms of nitrogen (organic, ammonia, nitrate, nitrite) to assess nutrient enrichment.

Ammonia Nitrogen: measures total amount of nitrogen present as ammonia/ ammonium and indicator of nutrient enrichment.

Nitrate/Nitrite: a measure of nitrogen compounds for contamination from sources such as fertilizer, animal waste and septic systems.

TKN (Total Kjeldahl Nitrogen): measures organic nitrogen plus ammonia nitrogen and is an indicator of nutrient enrichment.

Chlorophyll A: measure of the amount of algae and cyanobacteria (phytoplankton) and is an indicator of nutrient enrichment.

6)d)

THE FOLLOWING CRITERIA SHALL BE APPLIED TO ALL WETLANDS:

1. THERE SHALL BE NO CONSTRUCTION OR PLACING OF BUILDINGS, ROADS, SIGNS, BILLBOARDS, OR OTHER ADVERTISING, UTILITIES OR OTHER STRUCTURES ON OR ABOVE THE GROUND;
2. THERE SHALL BE NO DUMPING OR PLACING OF SOIL OR OTHER SUBSTANCE OR MATERIAL AS LANDFILL OR DUMPING OR PLACING OF TRASH, WASTE OR UNSIGHTLY OR OFFENSIVE MATERIAL;
3. THERE SHALL BE NO REMOVAL OR DESTRUCTION OF TREES, SHRUBS, OR OTHER VEGETATION;
4. THERE SHALL BE NO EXCAVATION, DREDGING, OR REMOVAL OF LOAM, PEAT, GRAVEL, SOIL, ROCK, OR OTHER MATERIAL SUBSTANCE IN SUCH A MANNER AS TO AFFECT THE SURFACE;
5. THERE SHALL BE NO SURFACE USE EXCEPT FOR PURPOSES THAT PERMIT THE LAND OR WATER AREA TO REMAIN PREDOMINATELY IN ITS NATURAL CONDITION;
6. THERE SHALL BE NO ACTIVITIES DETRIMENTAL TO DRAINAGE, FLOOD CONTROL, WATER CONSERVATION, EROSION CONTROL, SOIL CONSERVATION, OR FISH AND WILDLIFE HABITAT PRESERVATION;
7. THERE SHALL BE NO ACTS OR USES DETRIMENTAL TO SUCH CONSERVATION, PRESERVATION, OR RETENTION OF LAND OR WATER AREA; AND
8. THERE SHALL BE NO ACTS OR USES DETRIMENTAL TO THE PRESERVATION OF THE STRUCTURAL INTEGRITY OR PHYSICAL APPEARANCE OF SITES OR PROPERTIES OF HISTORICAL, ARCHITECTURAL, ARCHAEOLOGICAL, OR CULTURAL SIGNIFICANCE.

