



**ARBORWOOD
COMMUNITY DEVELOPMENT
DISTRICT**

**LEE COUNTY
REGULAR BOARD MEETING
APRIL 15, 2019
9:00 A.M.**

Special District Services, Inc.
27499 Riverview Center Boulevard, #253
Bonita Springs, FL 33134

www.arborwoodcdd.org
561.630.4922 Telephone
877.SDS.4922 Toll Free
561.630.4923 Facsimile

AGENDA
ARBORWOOD COMMUNITY DEVELOPMENT DISTRICT
Amenity Center Community Room
Somerset at the Plantation
10401 Dartington Drive
Fort Myers, Florida, 33913
REGULAR BOARD MEETING
April 15, 2019
9:00 a.m.

- A. Call to Order
- B. Proof of Publication.....Page 1
- C. Establish Quorum
- D. Additions or Deletions to Agenda
- E. Comments from the Public for Items Not on the Agenda
- F. Approval of Minutes
 - 1. March 18, 2019 Regular Board Meeting.....Page 2
- G. Old Business
 - 1. Update Regarding Street Lighting Project
 - a. Consider Approval of Agreement with American Infrastructure Services for Street Light Installation.....Page 5
 - 2. Update on Brazilian Pepper Removal
 - 3. Review of Exotic Maintenance on the Mitigation Parcel.....Page 6
 - 4. Discussion on Report of Bridgetown Pond Maintenance.....Page 11
- H. New Business
 - 1. Review of Lake Bank Inspection Reports.....Page 60
 - 2. SFWMD Notice of Compliance Letter for Arborwood Preserve.....Page 137
 - 3. Consider Resolution No. 2019-02 – Adopting Fiscal Year 2019/2020 Proposed Budget.....Page 140
- I. Administrative Matters
 - 1. Manager’s Report
 - a. Financials.....Page 143
 - 2. Engineer Report
 - 3. Field Inspectors Report
- J. Board Members Comments
- K. Adjourn

News-Press, The

April 3, 2019

Miscellaneous Notices

NOTICE OF MEETING ARBORWOOD COMMUNITY DEVELOPMENT DISTRICT The Board of Supervisors of the Arborwood Community Development District will hold a Board Meeting on April 15, 2019, at 9:00 a.m. at the Amenity Center Community Room located at Somerset at The Plantation, 10401 Dartington Drive, Fort Myers, Florida 33913. The Board Meeting is open to the public and will be conducted in accordance with the provisions of Florida law for community development districts. The meeting may be continued in progress without additional notice to a time, date, and location stated on the record. A copy of the agenda for the meeting may be obtained from the District's website or by contacting the District Manager, Special District Services, located at 27499 Riverview Center Blvd., #253, Bonita Springs, Florida 34134. There may be occasions when one or more Supervisors will participate by telephone. Pursuant to provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this Board Meeting is asked to advise the District Office at least forty-eight (48) hours before the meeting by contacting the District Manager at (239) 444-5790. If you are hearing or speech impaired, please contact the Florida Relay Service at 1 (800) 955-8770, who can aid you in contacting the District Office. A person who decides to appeal any decision made at the meeting with respect to any matter considered at the meeting is advised that person will need a record of the proceedings and that accordingly, the person may need to ensure that a verbatim record of the proceedings is made including the testimony and evidence upon which the appeal is to be based. Meetings may be cancelled from time to time without advertised notice. Kathleen Dailey District Manager Arborwood Community Development District www.arborwoodcdd.org AD# 3476931 April 3, 2019

**ARBORWOOD COMMUNITY DEVELOPMENT DISTRICT
REGULAR BOARD MEETING
MARCH 18, 2019**

A. CALL TO ORDER

The March 18, 2019, Regular Board Meeting of the Arborwood Community Development District was called to order at 9:00 a.m. in the Amenity Center Community Room at Somerset at the Plantation located at 10401 Dartington Drive, Fort Myers, Florida 33913.

B. PROOF OF PUBLICATION

Proof of publication was presented that notice of the Regular Board Meeting had been published in the *Fort Myers News-Press* on March 8, 2019, as legally required.

C. ESTABLISH A QUORUM

It was determined that the attendance of the following Supervisors constituted a quorum and it was in order to proceed with the meeting:

Chairman	Terry Hammond	Present
Vice Chairman	John Hamilton	Present
Supervisor	Lawrence Carr	Present
Supervisor	Joan Pattison	Present
Supervisor	Gary Franz	Present

Staff members in attendance were:

District Manager	Michael McElligott	Special District Services, Inc.
General Counsel	Wes Haber (via phone)	Hopping Green & Sams, P.A.
District Engineer	Josh Evans	JR Evans Engineering
Field Inspector	Bohdan Hirniak	

Others present were: Ray Holter, Jeff Gordish, and Jack Aycock.

D. ADDITIONS OR DELETIONS TO THE AGENDA

There were no additions or deletions to the agenda.

E. COMMENTS FROM THE PUBLIC FOR ITEMS NOT ON THE AGENDA

There were no comments from the public for items not on the agenda.

F. APPROVAL OF MINUTES

1. February 18, 2019, Regular Board Meeting

The February 18, 2019, Regular Board Meeting minutes were presented for approval.

Mr. Hamilton pointed out that on page 2 of the minutes, in section F, “ASI” should be changed to “AIS”. It was then noted that in most other times this company has been referenced in minutes that the full name was used. There was agreement that “ASI” should instead be changed to “American Infrastructure Services”.

A **motion** was then made by Mr. Hamilton, seconded by Mr. Carr and passed unanimously approving the February 18, 2019, Regular Board Meeting minutes, as amended.

G. OLD BUSINESS

1. Update Regarding Street Lighting Project

Mr. Hammond stated that he and Jeff Gordish met with the City Manager. Mr. Hammond stated that he was very encouraged by their meeting. Mr. Hammond stated that the City is expecting this project to be completed and turned over to the City. As for the status of the project, Mr. Hammond stated that the permits on Plantation Gardens and Commerce Lakes were submitted several weeks ago, they are under review with the City, and they expect to get those permits approved in the near future. Next step will be to get permits submitted to the County. Mr. Hammond also stated that the City has an interest in getting lighting done on Treeline too. There was some discussion among the board regarding the CDD doing this lighting project and then the City not taking them over for operation. Mr. Hammond stated that he asked that very question to the City Manager, if there is any concern the City Board may not approve the acceptance of the streetlights once the CDD has built them. Mr. Hammond was reassured that there should be no concern for that happening.

2. Update on Brazilian Pepper Removal

Mr. Hirniak on the ongoing pepper removal. There was discussion among the board and the question was asked to confirm that all CDD lands were included in the current removal project. Mr. Hirniak indicated he will get with Woods and Wetlands to confirm if all CDD properties are included and report back to the Board.

H. NEW BUSINESS

1. Review of Exotic Maintenance on the Mitigation Parcel

Mr. Hammond pointed out that while the report regarding the Panther Mitigation parcel maintenance is in the meeting materials, the presenter, Mike Myers, is not present at the meeting.

A **motion** was made by Mr. Hamilton, seconded by Mr. Franz and passed unanimously approving tabling this item until the next meeting so that Mr. Myers can be present.

2. Discussion on Report of Bridgetown Pond Maintenance

The report was received from the HOA on the Bridgetown Pond Maintenance, however there has not been any time to review the report prior to today’s meeting. The Board discussed that there was a lot of good information in the report but that in order to be able to ask questions and receive good answers, the District Engineer, Mr. Evans, should be given some time to review the report.

A **motion** was made by Mr. Hamilton, seconded by Mrs. Pattison and passed unanimously approving tabling this item until the next meeting so that Mr. Evans can have time to review the report.

3. Presentation on Fiscal Year 2019/2020 proposed Budget

Mr. McElligott presented the budget in the meeting book. Mr. McElligott explained that we are not looking to approve the budget today, that this is a chance for the Board to review the budget and make any suggestions on formatting changes or ask any questions. Mr. McElligott said he will try to incorporate any changes into a proposed budget that will be brought back to the next meeting for approval. A lengthy discussion ensued and a few suggestions for changes were expressed. These suggestions included some terminology changes, some additional information like variance explanations, among others. Mr. McElligott said he would try to incorporate these changes. Also, it was discussed that there would be a need to have a phone call with Mr. Evans, Mr. Myers, and Mr. McElligott to pin down the maintenance portion of the budget numbers. Mr. Hammond will be invited to that call as well.

I. ADMINISTRATIVE MATTERS

1. Manager's Report

Financials – Mr. McElligott went over the financials in the meeting book and took questions from the Board.

2. Engineer's Report

Mr. Evans informed the Board that the lake bank inspections are ongoing and that he should have something to report to Board at the next meeting. Mr. Evans also stated he would review the Bridgetown HOA Pond Maintenance report prior to the next meeting so that it can be discussed by the Board

3. Field Inspector's Report

Mr. Hirniak stated that overall the lakes are looking good. He did say he is asking Clarke Aquatic Services to look into spraying the torpedo grass he has seen starting to pop up.

J. BOARD MEMBER COMMENTS

Mr. Hamilton indicated that due to fact that he expects to have sparse availability in the near future, that it would be better for the operation of the Board for him to step down from being Vice Chairman and instead just be an Assistant Secretary.

A **motion** was made Mr. Franz, with a second by Mrs. Pattison to accept Mr. Hamilton's request to step down as Vice Chairman and be appointed as an Assistant Secretary. That **motion** carried unanimously.

A **motion** was then made by Mrs. Pattison, with a second from Mr. Hamilton, to appoint Mt. Gary Franz to the position of Vice Chairman. That **motion** carried unanimously.

K. ADJOURNMENT

There being no further business to come before the Board, a **motion** was made by Mr. Carr, seconded by Mrs. Pattison and passed unanimously to adjourn the Regular Board Meeting at 10:34 a.m.

Secretary/Assistant Secretary

Chair/Vice-Chair

**CONSIDER APPROVAL OF
AGREEMENT WITH AMERICAN
INFRASTRUCTURE SERVICES FOR
STREET LIGHT INSTALLATION**

**TO BE DISTRIBUTED
UNDER SEPARATE COVER**



PASSARELLA & ASSOCIATES INC

TO: Arborwood Community Development District Board

FROM: Mike Myers *MM/pz*

DATE: March 7, 2019

RE: Arborwood – Collier County Mitigation Parcel
2018/2019 Exotic Review Summary
Project No. 02WCO749

On January 29, 2019, I conducted a review of the exotic maintenance work completed by Aquatic Weed Control (AWC) on the 1,700± acre Collier County Mitigation Parcel (CCMP). AWC conducted their first exotic treatment session as part of their 2018/2019 contract. A schedule of the CCMP exotic treatment events and follow-up site inspections to date is provided in Table 1 attached. Also attached are a map (Figure 1) identifying the CCMP treatment areas and photographs (Photographs 1 through 5) taken during the site inspections. A more detailed summary of the site review and future work follows.

CCMP Exotic Work Summary and Timeline

January 29, 2019 – A site inspection of the CCMP was conducted by Passarella & Associates, Inc. (PAI) following AWC treatments conducted the last two weeks of December. The exotic treatment concentrated primarily on Brazilian pepper (*Schinus teribenthifolius*) and common reed (*Phragmites australis*) located primarily on the eastern one-third of the property (Figure 1). The Brazilian pepper was scattered throughout some upland islands and on spoil piles found along canal ditches. These areas were successfully treated, as illustrated in Photographs 1 and 2. The common reed treatment areas were located in wetland areas located in the northeast, southeast, and south-central portions of the property. They too were successfully treated, as shown in Photographs 3 and 4.

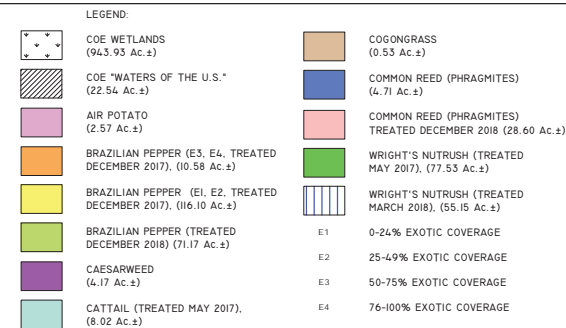
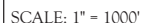
Future exotic treatment events will be scheduled by AWC during the late spring of 2019 (i.e., April/May). These treatment events will primarily focus, again, on Wright's nutrush (*Scleria lacustris*). The spraying events will occur in new areas, as well as in previously treated areas where it is re-emerging (Photograph 5). Following the spring treatment event, Passarella & Associates, Inc. will conduct a follow-up review.

MM/pz

Enclosures

cc: Les Stephens, w/enclosures

Offices in Florida and South Carolina



FLUCIFCS CODE	DESCRIPTION	ACREAGE	% OF TOTAL
201	FALLOW CROPLAND, HYDRIC	501.4Ac ±	0.5%
202	HYDRIC PASTURE	321.79Ac ±	18.9%
321	PALMETTO PRAIRIE	420.7Ac ±	2.5%
3219 E1	PALMETTO PRAIRIE, DISTURBED (0-24% EXOTICS)	730Ac ±	0.4%
411	PINE FLATWOODS	10136Ac ±	60.0%
4119 E1	PINE FLATWOODS, DISTURBED (0-24% EXOTICS)	13931Ac ±	8.2%
4221	BRAZILIAN PEPPER, HYDRIC	0.34Ac ±	0.0%
4269 E1	TROPICAL HARDWOODS, DISTURBED (0-24% EXOTICS)	0.67Ac ±	0.0%
427	LIVE OAK	2683.3Ac ±	1.6%
4279 E1	LIVE OAK, DISTURBED (0-24% EXOTICS)	5.60Ac ±	0.5%
4279 E2	LIVE OAK, DISTURBED (25-49% EXOTICS)	0.07Ac ±	0.0%
427/428	LIVE OAK AND CABBAGE PALM	2.08Ac ±	0.1%
4289 E1	LIVE OAK AND CABBAGE PALM (0-24% EXOTICS)	5.40Ac ±	0.0%
428	CABBAGE PALM	0.32Ac ±	0.0%
4281	CABBAGE PALM, HYDRIC	0.04Ac ±	0.0%
4289 E1	CABBAGE PALM, DISTURBED (0-24% EXOTICS)	0.79Ac ±	0.0%
4291	WAX-MYRTLE, HYDRIC	2.74Ac ±	0.2%
434	HARDWOOD/CONIFER MIXED	210.71Ac ±	12.4%
4341 E2	HARDWOOD/CONIFER MIXED, HYDRIC (25-49% EXOTICS)	0.18Ac ±	0.0%
4349 E1	HARDWOOD/CONIFER MIXED, DISTURBED (0-24% EXOTICS)	174.90Ac ±	10.3%
4349 E2	HARDWOOD/CONIFER MIXED, DISTURBED (25-49% EXOTICS)	6.65Ac ±	0.4%
514	DITCH	18.59Ac ±	1.1%
525	COW POND	0.04Ac ±	0.0%
6179 E1	MIXED WETLAND HARDWOODS, DISTURBED (0-24% EXOTICS)	0.36Ac ±	0.0%
6181	WILLOW MARSH	25.91Ac ±	1.2%
6189 E1	WILLOW MARSH, DISTURBED (0-24% EXOTICS)	3.83Ac ±	0.2%
621	CYPRESS	2.84Ac ±	0.2%
624	CYPRESS/PINE/CABBAGE PALM	1.29Ac ±	0.1%
625	PINE, HYDRIC	8.24Ac ±	0.5%
6259 E1	PINE, HYDRIC, DISTURBED (0-24% EXOTICS)	10.32Ac ±	0.6%
630	WETLAND FORESTED MIXED	3.33Ac ±	0.2%
641	FRESHWATER MARSH	356.28Ac ±	21.0%
6412	CATTAIL MARSH	5.34Ac ±	0.3%
6419 E1	FRESHWATER MARSH, DISTURBED (0-24% EXOTICS)	14.54Ac ±	0.9%
643	WETLAND PRAIRIE	176.08Ac ±	10.4%
6439 E1	WETLAND PRAIRIE, DISTURBED (0-24% EXOTICS)	14.88Ac ±	0.9%
740	DISTURBED LAND	2.19Ac ±	0.0%
7401	DISTURBED LAND, HYDRIC	0.17Ac ±	0.0%
742	BORROW AREA	3.91Ac ±	0.2%
743	SPOIL AREA	0.11Ac ±	0.0%
747	BERM	8.51Ac ±	0.5%
8145	DIRT ROAD	0.68Ac ±	0.0%
	TOTAL	1760.00Ac ±	100.0%

NOTES:

FLUCFCS LINES ESTIMATED FROM I²=200' AERIAL
PHOTOGRAPHS AND LOCATIONS APPROXIMATED.

FLUCFCS PER FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) (FDOT 1999).

PROPERTY BOUNDARY ESTIMATED FROM THE
COLLIER COUNTY PROPERTY APPRAISER'S GIS
WEBSITE.

INITIAL EXOTIC LOCATIONS PER JANUARY 20,
2017 SITE REVIEW BY PASSARELLA &
ASSOCIATES INC. (PAI)

UPLAND/WETLAND LIMITS HAVE NOT BEEN
REVIEWED BY ANY REGULATORY AGENCY AND
ARE SUBJECT TO CHANGE.

PAI MOST RECENT EXOTIC REVIEW CONDUCTED
ON JANUARY 29, 2019.

REVISIONS	DATE	DRAWN BY F.L., D.B.	DATE 5/9/18	13620 Metropolis Avenue Suite 200 Fort Myers, Florida 33912 Phone (239) 274-0067 Fax (239) 274-0069	 PASSARELLA & ASSOCIATES INC.	ARBORWOOD COLLIER COUNTY MITIGATION PARCEL 2018/2019 EXOTIC LOCATIONS, ACREAGES, AND TREATMENT EVENTS MAP	DRAWING No. 02WCO749
Updated with 2018 information	3/4/19	DESIGNED BY M.A.M.	DATE 5/9/18				SHEET No.
		REVIEWED BY M.A.M.	DATE 5/9/18				SHEET 1



Photograph 1: Treated Brazilian pepper along ditch



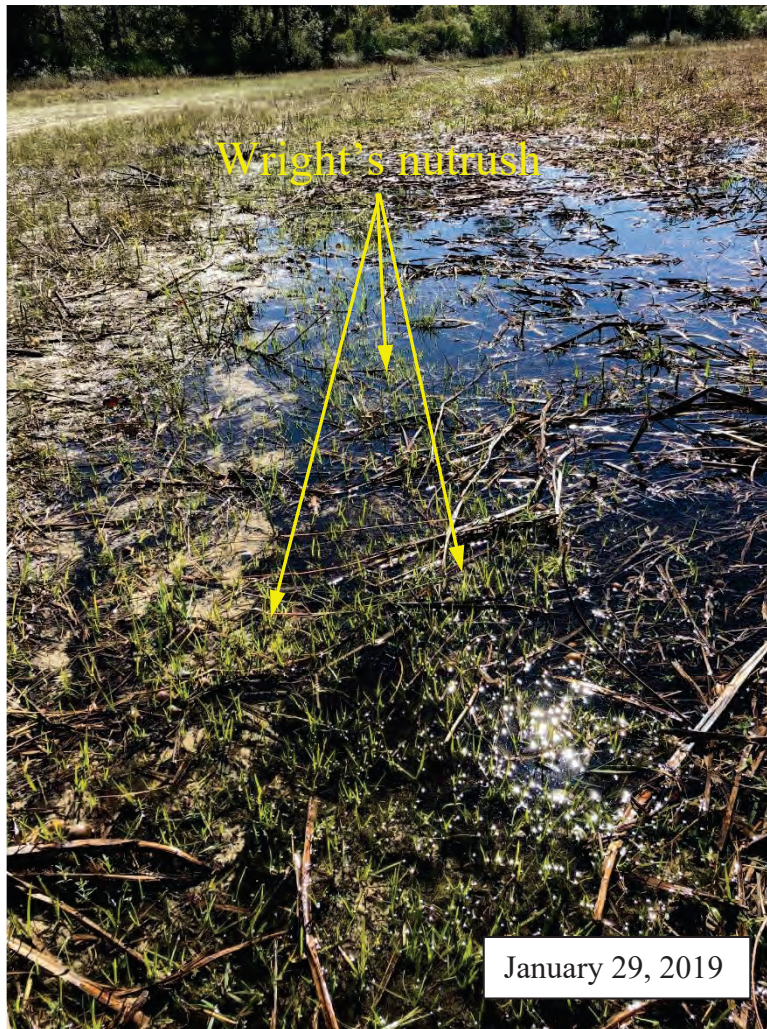
Photograph 2: Treated Brazilian pepper along ditch



Photograph 3: Treated common reed in northeastern wetland



Photograph 4: Treated common reed in southeast wetlands



Photograph 5: Emerging Wright's nutrush



Aquatics Report

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Friday, December 21, 2018
5:02:32 PM

Customer: 088075 - Bridgetown at The Plantation

Service Order No: I005434866

Temperature: 88

Treatment Date: 7/10/2018

Wind Direction: NorthWest

Start Time: 7/10/2018 11:16:00 AM

Wind Velocity: 1-10 MPH

End Time: 7/10/2018 2:58:00 PM

Precipitation: Clouds

Duration: 222

Precipitation %: 60%

Technician: Alvin Bruce

Control Consultant: Lori Clemence

Permit No: na

Tel: 941-685-0453

Primary Licensee Name: Alvin Bruce

Email: lclemence@clarke.com

Primary License No: CM25561

Primary License Name: FL62-620

Your Site Reference:

Our Site Reference: 001-0001

Water Temp:

Dissolved Oxygen: 999.00

Weed Algae	Percentage	Location	Treated
Shoreline Grasses	1	Shoreline	***No***
Filamentous	10	Shoreline	***No***



Aquatics Report

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Aquatics Report

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Aquatics Report

Your Site Reference:
Our Site Reference: 001-0002
Water Temp:
Dissolved Oxygen: 999.00

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Weed Algae	Percentage	Location	Treated
Chara spp.	10	Shoreline	Yes
Pennywort	5	Shoreline	***No***
Shoreline Grasses	20	Shoreline	***No***
Filamentous	10	Shoreline	Yes
Hydrilla	10	Shoreline	Yes





Aquatics Report

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Products Used	Used Quantity	Unit Of Measure
Aquatic herbicide	73.104	lbs
EPA Number n/a		
	Restrictions	Restriction Expires On
	Swimming	0 days n/a
	Irrigation	0 days n/a
	Fishing	0 days n/a



Aquatics Report

Your Site Reference:
Our Site Reference: 001-0003
Water Temp:
Dissolved Oxygen: 999.00

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Weed Algae	Percentage	Location	Treated
Shoreline Grasses	40	Shoreline	***No***
Hydrilla	10	Shoreline	Yes
Filamentous	20	Shoreline	Yes





Aquatics Report

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Products Used	Used Quantity	Unit Of Measure
Aquatic herbicide	77.836	lbs
EPA Number n/a		
	Restrictions	Restriction Expires On
	Swimming	0 days n/a
	Irrigation	0 days n/a
	Fishing	0 days n/a



Aquatics Report

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Customer: 088075 - Bridgetown at The Plantation

Service Order No: I005434866

Temperature: 88

Treatment Date: 7/10/2018

Wind Direction: West

Start Time: 7/10/2018 10:37:00 AM

Wind Velocity: 1-10 MPH

End Time: 7/10/2018 3:25:00 PM

Precipitation: Clouds

Duration: 288

Precipitation %: 70%

Technician: Nolan Norris

Control Consultant: Lori Clemence

Permit No: na

Tel: 941-685-0453

Primary Licensee Name: Nolan Norris

Email: lclemence@clarke.com

Primary License No: CM21404

Primary License Name: FL62-620

Your Site Reference:

Our Site Reference: 002-0028

Water Temp:

Dissolved Oxygen: 999.00

Weed Algae	Percentage	Location	Treated
Filamentous	30	Shoreline	***No***
Shoreline Grasses	50	Shoreline	Yes



Aquatics Report

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Aquatics Report

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Products Used	Used Quantity	Unit Of Measure
Aquatic herbicide	6	oz
EPA Number n/a		
	Restrictions	Restriction Expires On
	Swimming	0 days n/a
	Irrigation	120 days 11/07/2018 03:25 PM
	Fishing	0 days n/a
Spreader / Sticker	1	oz
EPA Number n/a		



Aquatics Report

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	Restrictions	Restriction Expires On	
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a
Surfactant	2	oz	
EPA Number n/a			
	Restrictions	Restriction Expires On	
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a
Water conditioning agent	2	oz	
EPA Number n/a			
	Restrictions	Restriction Expires On	
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a



Aquatics Report

Your Site Reference:
Our Site Reference: 002-0034
Water Temp:
Dissolved Oxygen: 999.00

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Weed Algae	Percentage	Location	Treated
Cattail	1	Shoreline	Yes
Shoreline Grasses	50	Shoreline	Yes
Filamentous	40	Shoreline	***No***





Aquatics Report

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Products Used	Used Quantity	Unit Of Measure
Aquatic herbicide	6	oz
EPA Number n/a		
	Restrictions	Restriction Expires On
	Swimming	0 days n/a
	Irrigation	120 days 11/07/2018 03:25 PM
	Fishing	0 days n/a
Spreader / Sticker	1	oz
EPA Number n/a		



Aquatics Report

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	Restrictions	Restriction Expires On	
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a
Surfactant	2	oz	
EPA Number n/a			
	Restrictions	Restriction Expires On	
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a
Water conditioning agent	2	oz	
EPA Number n/a			
	Restrictions	Restriction Expires On	
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a



Aquatics Report

Your Site Reference:
Our Site Reference: 002-0035
Water Temp:
Dissolved Oxygen: 9.00

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Weed Algae	Percentage	Location	Treated
Shoreline Grasses	40	Shoreline	Yes
Chara spp.	40	Shoreline	Yes
Filamentous	40	Shoreline	Yes





Aquatics Report

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Products Used	Used Quantity	Unit Of Measure
Aquatic herbicide	12	oz
EPA Number n/a		
	Restrictions	Restriction Expires On
	Swimming	0 days n/a
	Irrigation	120 days 11/07/2018 03:25 PM
	Fishing	0 days n/a
Broad spectrum bactericide, algaecide, herbicide	3.021	lbs



Aquatics Report

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EPA Number n/a			
	Restrictions		Restriction Expires On
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a
Spreader / Sticker	2	oz	
EPA Number n/a			
	Restrictions		Restriction Expires On
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a
Surfactant	22.912	oz	
EPA Number n/a			
	Restrictions		Restriction Expires On
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a
Water conditioning agent	4	oz	
EPA Number n/a			
	Restrictions		Restriction Expires On
	Swimming	0 days	n/a
	Irrigation	0 days	n/a
	Fishing	0 days	n/a



Aquatics Report

Page 1 of 9
Friday, December 21, 2018
4:43:10 PM

Customer: 088075 - Bridgetown at The Plantation

Service Order No: I005434869

Temperature: 83

Treatment Date: 10/31/2018

Wind Direction: East

Start Time: 10/31/2018 1:37:00 PM

Wind Velocity: 11-15 MPH

End Time: 10/31/2018 1:55:00 PM

Precipitation: Clouds

Duration: 18

Precipitation %: 30%

Technician: Alvin Bruce

Control Consultant: Lori Clemence

Permit No: na

Tel: 941-685-0453

Primary Licensee Name: Alvin Bruce

Email: lclemence@clarke.com

Primary License No: CM25561

Primary License Name: FL62-620

Your Site Reference:

Our Site Reference: 001-0004

Water Temp:

Dissolved Oxygen:

Weed Algae	Percentage	Location	Treated
Shoreline Grasses	15	Shoreline	***No***
Filamentous	30	Shoreline	***No***



Aquatics Report

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4:43:10 PM





Aquatics Report

Your Site Reference:
Our Site Reference: 001-0006
Water Temp:
Dissolved Oxygen:

Weed Algae	Percentage	Location	Treated
Shoreline Grasses	30	Shoreline	***No***
Filamentous	10	Shoreline	***No***



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Aquatics Report

Your Site Reference:
Our Site Reference: 001-0007
Water Temp:
Dissolved Oxygen:

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4:43:10 PM

Weed Algae	Percentage	Location	Treated
Shoreline Grasses	20	Shoreline	***No***
Filamentous	20	Shoreline	***No***





Aquatics Report

Your Site Reference:
Our Site Reference: 001-0008
Water Temp:
Dissolved Oxygen:

Page 5 of 9
Friday, December 21, 2018
4:43:10 PM

Weed Algae	Percentage	Location	Treated
Shoreline Grasses	10	Shoreline	***No***
Filamentous	20	Shoreline	***No***





Aquatics Report

Your Site Reference:
Our Site Reference: 001-0009
Water Temp:
Dissolved Oxygen:

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Friday, December 21, 2018
4:43:10 PM

Weed Algae	Percentage	Location	Treated
Shoreline Grasses	10	Shoreline	***No***
Filamentous	10	Shoreline	***No***



Aquatics Report

Your Site Reference:
Our Site Reference: 002-0021
Water Temp:
Dissolved Oxygen:

Weed Algae	Percentage	Location	Treated
Filamentous	50	Shoreline	***No***
Shoreline Grasses	10	Shoreline	***No***



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Friday, December 21, 2018
4:43:10 PM



Aquatics Report

Your Site Reference:
Our Site Reference: 002-0022
Water Temp:
Dissolved Oxygen:

Weed Algae	Percentage	Location	Treated
Filamentous	40	Shoreline	***No***
Shoreline Grasses	5	Shoreline	***No***



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Friday, December 21, 2018
4:43:10 PM



Aquatics Report

Your Site Reference:
Our Site Reference: 002-0023
Water Temp:
Dissolved Oxygen:

Weed Algae	Percentage	Location	Treated
Filamentous	20	Shoreline	***No***



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Friday, December 21, 2018
4:43:10 PM

Price Quote

PROJECT NAME: Bridgetown 2018 Littoral Planting

ATTENTION: Jeffery Belle

Bridgetown HOA

jbelle@kwpropertymanagement.com

(239) 478-7513

PRICE QUOTED: Total Price

Description

Littoral Planting XXXX

SCOPE OF WORK:

Littoral Planting

Clarke® will provide the labor and materials necessary to supply, deliver, and install aquatic plant species within several lakes at the Bridgetown community located in Lee County, Florida. Please refer to the table below for plant species, size, and unit pricing information. Plants will be installed on the following lakes: 1-01, 1-02, 1-03, 1-04, 1-05, 1-06, 1-07, 1-08, 1-09, 1-10, 2-22, and 2-34. Please refer to the attached map for a location of the lakes. All plants will be delivered disease free and in good health at the time of installation. All work will be directed by a qualified project manager.

Common Name	Scientific Name	Size	Qty
Golden Canna	Canna flaccida	BR	2,625
Pickrelweed	Pontederia cordata	BR	16,470
Arrowhead	Sagittaria lancifolia	BR	17,320
Spikerush	Eleocharis spp	BR	17,250
Soft Stemmed Bulrush	Scirpus validus	BR	100
Blue flag iris	Iris spp.	BR	210
Swamp lily	Crinum americanum	BR	1,160
Duck potato	Sagittaria latifolia	BR	100

Pond 00-01

Spikerush = 570 linear feet two staggered rows planted at 12" centers 570 x 2 = 1400

Pickrelweed = 700 ft. planted on 12" centers in two staggered rows in the mid littoral zone 700ft x 2 = 1400

Sagittaria Lancifolia – 700 ft. planted on 12" centers in two staggered rows in Mid littoral zone 700ft x 2 = 1400

Golden Canna - 250 ft. planted on 12' center in one row in the upper littoral zone 250 ft. x 1 = 250

Blue Flag iris – 6 areas planted in clumps of 25 planted in the upper littoral zone

Pond 00-02

Spikerush – 900 ft. planted on 12'centers in two staggered rows in lower littoral zone 900ft. x 2 = 1800

Pickrelweed - 450 ft. planted on 12" centers in two staggered rows mid littoral zone 450ft x 2 = 900

Sagittaria Lancifolia - 450 ft. planted on 12' centers in two staggered rows in mid littoral zone 450ft. x 2 = 900

Golden Canna – 300ft . planted on 12” centers one row upper littoral zone 300ft x 1 = 300

Pond 00-03

Spikerush – planted in lower littoral zone where needed two staggered rows planted at 12” centers 790 x 2 = 1580

Pickerelweed – 650ft planted on 12” centers in two staggered rows in mid littoral zone 650ft x 2 = 1300

Sagittaria Lancifolia - 650ft planted on 12” centers in two staggered rows in mid littoral zone 650ft x 2 = 1300

Golden Canna – 190 ft. planted on 12” centers in one row in upper littoral zone 190ft. x 1 = 190

Swamp Lily – 60 ft. planted on 12” centers in two staggered rows in upper littoral zone 60ft. x 2 = 120

Pond 00-04

Spikerush – 1008ft planted on 12” centers in two staggered rows in lower littoral zone 1008ft x 2 = 2016

Pickerelweed – 425ft. planted on 12” centers in two staggered rows in mid littoral zone 425ft x 2 = 850

Sagittaria Lancifolia - 600 ft. planted on 12” centers in two staggered rows in mid littoral zone 600ft x 2 = 1200

Golden Canna – 180 ft. planted on one row upper littoral 180 x 1 = 180

Pond 00-05

Spikerush – 590 ft. planted on 12” centers in two staggered rows in lower littoral zone 590ft x 2 = 1180

Pickerelweed – 600 ft. planted on 12” centers in two staggered rows in mid littoral zone 600ft x 2 = 1200

Sagittaria Lancifolia – 510 ft. planted on 12” centers in two staggered rows in mid littoral zone 510ft x 2 = 1020

Golden Canna 150 ft. planted on 12” centers in two staggered rows in upper littoral zone 150ft x 2 = 300

Pond 00-06

Spikerush – 2112 ft. planted on 12” centers in two staggered rows in lower littoral zone 2112ft x 2 = 4224

Pickerelweed – 1000 ft. planted on 12” centers in two staggered rows in mid littoral zone 1000ft x 2 = 2000

Sagittaria Lancifolia – 1065ft planted on 12” centers in two staggered rows in mid littoral zone 1065ft x 2 = 2130

Sagittaria Latifolia - 50ft. planted on 12” centers in two staggered rows in mid littoral zone 50ft x 2 = 100

Golden Canna – 625 ft. planted on 12” centers in one row in upper littoral zone 625ft x 1 = 625

Pond 00-07

Spikerush - 145ft. planted on 12” centers in two staggered rows in lower littoral zone 145ft x 2 = 290

Pickerelweed - 630 ft. planted on 12” centers in two staggered rows in mid littoral zone 630ft x 2 = 1260

Sagittaria Lancifolia – 630 ft. planted on 12” centers in two staggered rows in mid littoral zone 630ft x 2 = 1260

Golden Canna - 100 ft. planted on 12” centers in one row in upper littoral zone 100ft x 1 = 100

Blue Flag Iris - 3 areas planted in clumps of 12 in the upper littoral zone 12 x 3 = 36

Three square Bulrush - 50 ft. planted on 12” centers in two staggered rows in mid littoral zone 50ft x 2 = 100

Pond 00-08

Pickerelweed – 800 ft. planted on 12” centers in two staggered rows in mid littoral zone 800 ft. x 2 = 1600

Sagittaria Lancifolia – 8000 ft. planted on 12” centers in two staggered rows in mid littoral zone 800 ft. x 2 = 1600

Swamp Lily – 200 ft. planted on 12” centers in two staggered rows in upper littoral zone 200 ft. x 2 = 400

Pond 00-09

Spikerush – 185 ft. planted on 12” centers in two staggered rows in lower littoral zone 185 ft. x 2 = 370

Pickerelweed – 880 ft. planted on 12” centers in two staggered rows in mid littoral zone 880 ft. x 2 = 1760

Sagittaria Lancifolia – 880 ft. planted on 12” centers in two staggered rows in mid littoral zone 880 ft. x 2 = 1760

Swamp Lily - 120 ft. planted on 12” centers in two staggered rows in upper littoral zone 120 ft. x 2 = 240

Blue flag Iris - 2 areas of Blue flag iris planted in clumps of 12 in the upper littoral zone 12 x 2 = 24

Pond 00-10

Spikerush – 815 ft. - planted on 12” centers in two staggered rows in lower littoral zone 815 ft. x 2 = 1630

Pickerelweed - 600 ft. - planted on 12” centers in two staggered rows in mid littoral zone 600 ft. x 2 = 600

Sagittaria Lancifolia - 550 ft. planted on 12” centers in two staggered rows in mid littoral zone 550 ft. x 2 = 1100

Golden Canna - 190 ft. planted on 12” centers in two staggered rows in upper littoral zone 190 ft. x 2 = 380

Pond 02-22

Spikerush – 815 ft. planted on 12" centers in two staggered rows in lower littoral zone 815 ft. x 2 = 1630
Pickerelweed – 600 ft. planted on 12" centers in two staggered rows in mid littoral zone 600 ft. x 2 = 1200
Sagittaria Lancifolia – 550 ft. planted on 12" centers in two staggered rows in mid littoral zone 550 ft. x 2 = 1100
Swamp Lily – 100 ft. planted on 12" centers in two staggered rows in upper littoral zone 100 ft. x 2 = 200

Pond 02-34

Spikerush – 565 ft. planted on 12" centers in two staggered rows in lower littoral zone 565 ft. x 2 = 1130
Pickerelweed – 1200 ft. planted on 12" centers in two staggered rows in mid littoral zone 1200 ft. x 2 = 2400
Sagittaria Lancifolia – 1275 ft. planted on 12" centers in two staggered rows in mid littoral zone 1275 ft. x 2 = 2550
Swamp Lily – 100 ft. planted on 12" centers in two staggered rows in upper littoral zone 100 ft. x 2 = 200
Golden Canna 150 ft. planted on 12" centers in two staggered rows in upper littoral zone 150 ft. x 2 = 300

BRIDGETOWN HOMEOWNERS ASSOCIATION PONDS AND PRESERVES COMMITTEE CHARTER

Date: August 24, 2017

Committee Type: Advisory

WHEREAS, Article X, Section 10.1 of the BRIDGETOWN AT THE PLANTATION COMMUNITY ASSOCIATION, INC. Bylaws provides that the Board of Directors (Board), may, from time to time, appoint committees to provide advice and recommendations; and

WHEREAS, Article X, Section 10.2 provides that the several committees shall act only as committees and the individual members thereof shall have no power or authority to act on behalf of the Board or the Association; and

WHEREAS, the Board deems it necessary, desirable, and in the interest of the individual lot owners and the Association to create a standing committee for the purpose of advising and assisting the Board in identifying, understanding and recommending approaches to pond and preserve issues, that may have a bearing on the continued safety, well-being, and efficient operation of the Association.

NOW, THEREFORE, the Board hereby resolves to create:

The Ponds and Preserves Committee (PAPC) as a Standing Committee for an indefinite term subject to the following terms and rules:

I. RESPONSIBILITY

A. Purpose: The primary purpose of the PAPC is to advise and assist the Board to best maintain the long-term functioning, health, and aesthetics of the ponds and preserves within Bridgetown. This will be done (working along with the Bridgetown's Property Management Company or PMC) by interfacing with Southwest Florida Water Management District (SWFWMD) and with vendors hired to perform maintenance of the ponds and preserves. The PAPC will then provide recommendations to the Board for actions including, but not limited to, expenses related to ponds and preserves, and hiring and monitoring maintenance contractors.

B. Duties:

1. Monitor ponds and preserves on a quarterly basis to ensure compliance with SWFWMD regulations. Both ponds and preserves in Bridgetown are regulated by SWFWMD which has the authority to require remediation of issues and may level fines for violations. Fines would be directed to the Arborwood CDD which has legal responsibility for the ponds and preserves.

2. With the PMC, review the performance of the vendors maintaining ponds and preserves on a quarterly basis to ensure the vendors are meeting contracted expectations including action items, reporting, and communication with the Board, the PMC, and the PAPC. With the PMC,

recommend to the Board if the annual contracts with current vendors should continue, or a new vendor should be selected to improve performance. If the latter is the case, the PMC and the PAPC will work with the Board to develop a Request for Proposal (RFP) for new vendors, schedule meetings with vendors, and make recommendations in the vendor selection process.

3. Conduct monthly water sampling as part of the Pond Watch Program of the Lee County Water Hyacinth Control District. Water samples are analyzed for various water quality parameters (including phosphates and nitrates) free of charge and are returned to the PAPC.

4. Hold informational meetings with residents to educate them on the current status of the ponds and preserves. This includes meetings with new owners and presentations by vendors. The PAPC will upload information on ponds and preserves to the Community website for resident's information.

5. Meet with individual residents who have concerns about their ponds and preserves and relay those concerns to the vendor, the PMC, and/or the Board, as needed.

C. Jurisdiction: The PAPC will focus on the long-term functioning, health, and aesthetics of the ponds and preserves within Bridgetown.

D. Sub-committees: The Committee may impanel subordinate committees (ad-hoc, task force or standing) for a defined purpose and with a term of service not to exceed six months, as they deem necessary. The Board of Directors must approve any subordinate committee that would have a term of service longer than six months.

II. MANNER OF ORGANIZATION

A. Membership:

1. The PAPC shall consist of at least five (5) and no more than nine (9) members approved by the Board.

2. PAPC members shall be members of the Association; however, they may not simultaneously be members of the Association's Board.

3. Members of the Board shall be informed of scheduled meetings and may attend and participate in the meetings of the PAPC but may not vote on any motion.

4. For the purpose of conducting its business, a simple majority of members shall constitute a quorum. Members may participate by telephone if those members are out of town for a scheduled meeting.

B. Terms:

1. Starting on January 1, 2018, PAPC members shall normally serve a term of two (2) years and shall be eligible to serve no more than two (2) terms consecutively. PAPC service during the remainder of 2017 (the first partial year of the PAPC's existence - 2017) is not included when counting the term of service.

2. In an effort to promote continuity, terms should be staggered so that one-half, or the closest number to one-half, of the PAPC membership is appointed or reappointed each year.

3. Except for members appointed to complete another member's term, terms of the PAPC members will begin on January 1 and end on December 31.

4. A PAPC member appointed to replace another prior to the completion of that person's term will serve out the remainder of that term. At the close of that term he or she can be re-appointed to serve a full term. Serving out a partial term does not preclude anyone from serving two full terms. In the case of replacing a PAPC chair who fails to complete a term, the new chair may be reappointed by the Board to serve out the full term and can be re-appointed for up to two successive one-year terms.

C. Committee Chair:

1. The PAPC Chair shall be a member of the PAPC, shall be appointed annually by the Board, and shall serve no more than two (2) consecutive years in that position.

2. The PAPC shall designate a Vice Chair for approval by the Board who could become the Chair after the term of the Chair, providing that the Vice Chair agrees to serve in that capacity, and it is approved by the Board. Meetings without the Chair are not anticipated; however, in the absence of the Chair, the Vice Chair shall conduct the meeting.

D. Removal of Members: The Board may remove a member of the PAPC, with or without cause. Vacancies will be filled in accordance with the Board's policy regarding committee vacancies and by appointment of the Board.

E. Recorder: The PAPC Chair shall designate a Recorder from among the members of the PAPC. The Recorder shall be responsible for maintaining the PAPC records, minutes of meetings, and assisting the Chair in preparing quarterly and annual reports to the Board as required.

III. MANNER OF OPERATION

A. Board/Committee Relationship: The PAPC shall conduct itself in the best interest of the Association and in accordance with this Charter, the Association's Declaration, Bylaws, and Rules and Regulations.

B. Function of the Chair: The function of the Chair (or the presiding officer at the meeting) shall include the following:

1. Coordinating and supervising PAPC activities and meetings to ensure that responsibilities and duties as specified in the charter are met.

2. Preparing required reports to the Board.

3. Representing the PAPC to the Board.

4. Recruiting and nominating prospective members for appointment by the Board in accordance with the Board's committee vacancy policy.

C. Meetings:

1. The PAPC will meet as often as deemed necessary by the Chair and at least quarterly, with notice to all members and the Board.

2. The Chair, in consultation with members, will determine the meeting agendas.

3. All meetings shall be open to all members of the Association. Notice of each meeting shall be provided in time for publication to the membership. At least one copy of the agenda and any supporting material shall be made available for inspection by the membership at each meeting of the Committee.

D. Reporting:

1. The PAPC shall provide quarterly, annual, and special reports as requested, summarizing its activities to the Board.

2. Copies of all approved meeting minutes shall be delivered to the Board as soon as practical.

E. Media Inquiries and Releases: All media inquiries will be referred to the President of the Board for coordination and appropriate response. Proposed press/media releases will follow the guidelines posted on the Association website for releases.

F. Budget: None. Any proposed expenditure must be submitted to the Board for approval and disbursement. Any proposed contract recommended by the PAPC must be submitted to the Board for their approval and action.

Activities of Bridgetown Ponds and Preserves Committee Related to Pond Maintenance

The Ponds and Preserves Committee (PAPC) was formed as one of the Home Owners Association (HOA) transition committees in Spring of 2016. Following Turnover in Winter 2017, PAPC has been an ongoing committee.

The following attached items help to summarize the activities of PAPC during its existence.

1. PAPC Charter – All HOA committees were asked to draft charters which were then modified and approved by the HOA Board. The PAPC Charter is attached (*BT - Ponds and Preserves Committee Charter - DFK, RJS 082417 Rev. 2 - Approved - No WMark*).

2. Pond Maintenance by external contractor – Clarke Environmental was hired by Pulte and by the HOA Board prior to HOA turnover. Pulte remained the pond maintenance contractor until the end of 2018. Sample reports from Clarke Environmental for the period following HIA turnover are attached (*Aquatic Weed Report Master 7 10 18* and *Aquatic Weed Report Master 10 31 18*). Lake Doctors was contracted by the Board to begin maintaining the ponds starting on January 2018. Lake Doctor's January, 2019 report is attached (*The Lake Doctors - Bridgetown service reports January 2019*).

3. Lee County Pond Watch Participation – Beginning in 2016, PAPC began taking water samples to Lee County Pond Watch (<https://lchcd.org/pond-watch-program/>) to monitor water quality over time. These samples are collected monthly and analyzed (at no cost to the HOA) for various nutrients and other chemical properties of three lakes in Bridgetown. The most recent data are summarized on a web site for the Charlotte Harbor Water Atlas (<http://chnep.wateratlas.usf.edu/pond-watch-program/>). These are listed under Pond Watch Sample Sites. There are four ponds listed under Bridge Town (*sic*). Pond 97 was only sampled a few times; ponds 3, 18, and 28 have been sampled monthly for more than two years (September 2017 samples were not conducted due to Hurricane Irma).

4. Additional littoral plantings – During transition, PAPC noted that additional littoral plantings were needed on many ponds within Bridgetown. In spring of 2017, Clarke planted additional littoral plants on a number of ponds. The contract for this is attached (*Bridgetown - Littoral Plants for suggested ponds - May 2017*). These plantings were made over a two-week period. Immediately following the plantings, there were heavy rains which limited the survival of these plants. As a "Force Majeure Event", these plantings were mostly lost. In spring of 2018, littorals were replanted; contract attached (*Bridgetown - Revised Littoral Quote - May 2018*).

5. Pond depth maps – The depths of existing ponds were mapped by Clarke Environmental at the request of PAPC to the HOA Board. This was to establish a baseline of pond depths for future comparisons over time. Sample maps for one pond are attached (*Emailing bridgetown 02-28 report, bridgetown 02-28 sed, bridgetown 02-28 veg, bridgetown 02-28 depth 7 10 17.zip*).

6. Monitoring ponds – Members of PAPC have monitored ponds on an ongoing basis. This includes visits (perhaps quarterly) to all ponds to evaluate littorals, water quality, and look for major erosion problems. PAPC members currently do not have the engineering expertise to evaluate erosion problems and, if

such are identified, would need to refer these to either the CDD or someone else for evaluation. Monitoring also includes meeting with members who have issues or questions to see if these can be addressed. A sample of a recent monitoring trip is attached (*walk around 12 20 18*).



The Lake Doctors, Inc.
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SERVICE REPORT

CUSTOMER: BRIDGETOWN AT THE PLANTATION ACCOUNT # 725082
BIOLOGIST: CODY DATE: 1-10/1-17/1-24 TIME: 10 HRS

SERVICES INCLUDED

SITE:	1	2	3	4	5	6	7				SUGGESTED SERVICES
ALGAE	✓	✓	✓	✓	✓	✓	✓				WATER QUALITY ANALYSIS <input type="checkbox"/>
EMERGENT	✓	✓	✓	✓	✓	✓	✓				GAME FISH STOCKING <input type="checkbox"/>
UNDERWATER	✓	✓	✓	✓	✓	✓	✓				GRASS CARP PERMITTING... <input checked="" type="checkbox"/>
FLOATING	✓	✓	✓	✓	✓	✓	✓				FOUNTAIN/ AERATION <input type="checkbox"/>
TERRESTRIAL											MUCK DIGESTOR PROGRAM <input type="checkbox"/>
DAYS RESTRICTED											AQUATIC PLANTS <input type="checkbox"/>
D.O.	4.5	5	5	4	4.5	5.5	5				MIDGE/MOSQUITO CONTROL <input type="checkbox"/>
											POND DYE APPLICATION ... <input type="checkbox"/>

BIOLOGIST COMMENTS

METHOD	WATER LEVEL	CLARITY	TREATED ONLY CHARA THAT HAS TOPPED OUT OR IS ABOUT TO. SPRAYED HYORILLA IN MULTIPLE LAKES. I DID NOT SPRAY ANY SHORELINE GRASS THIS MONTH.
BOAT <input checked="" type="checkbox"/>	LOW <input type="checkbox"/>	TANNIC <input type="checkbox"/>	
BACKPACK <input type="checkbox"/>	NORMAL <input checked="" type="checkbox"/>	CLEAR <input checked="" type="checkbox"/>	
AIR BOAT <input type="checkbox"/>	HIGH <input type="checkbox"/>	TURBID <input type="checkbox"/>	
ATV <input type="checkbox"/>		PLANKTONIC <input type="checkbox"/>	

CUSTOMER SIGNATURE _____





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SERVICE REPORT

CUSTOMER: Bridgetown at the Plantation

ACCOUNT # 725082

BIOLOGIST: Andrew H.

DATE: 1/10-1/17-1/28 TIME: 8 hours

SERVICES INCLUDED

SITE:	lakes	8	9	10	12	11	13	14	22	23		SUGGESTED SERVICES
ALGAE		X	X	X	X				X	X		WATER QUALITY ANALYSIS <input type="checkbox"/>
EMERGENT					X	X	X	X				GAME FISH STOCKING <input type="checkbox"/>
UNDERWATER		X	X	X	X				X	X		GRASS CARP PERMITTING .. <input type="checkbox"/>
FLOATING		X	X	X	X				X	X		FOUNTAIN/ AERATION <input type="checkbox"/>
TERRESTRIAL					X	X	X	X				MUCK DIGESTOR PROGRAM <input type="checkbox"/>
DAYS RESTRICTED		0	0	0	0	0	0	0	0	0		AQUATIC PLANTS <input type="checkbox"/>
DO:		8	8	9	7	9	8	8	5	7		MIDGE/MOSQUITO CONTROL <input type="checkbox"/>
												POND DYE APPLICATION ... <input type="checkbox"/>

WEEDS TREATED

BIOLOGIST COMMENTS

METHOD	WATER LEVEL	CLARITY	Plants treated: Hydrilla, controlled Chara, small cattail clumps, naiad and bladderwort
BOAT <input checked="" type="checkbox"/>	LOW <input type="checkbox"/>	TANNIC <input type="checkbox"/>	
BACKPACK <input type="checkbox"/>	NORMAL <input type="checkbox"/>	CLEAR <input checked="" type="checkbox"/>	
AIR BOAT <input type="checkbox"/>	HIGH <input checked="" type="checkbox"/>	TURBID <input type="checkbox"/>	
ATV <input type="checkbox"/>		PLANKTONIC <input type="checkbox"/>	

CUSTOMER SIGNATURE _____





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SERVICE REPORT

CUSTOMER: Bridge town at The Plantation Community ACCOUNT # 725082
BIOLOGIST: Geoff DATE: 1/10-17-24/19 TIME: 8 hr

SERVICES INCLUDED

WEEDS TREATED	SITE:	15	16	17	18	19	20	21				SUGGESTED SERVICES
	ALGAE	✓	✓	✓	✓	✓	✓	✓				WATER QUALITY ANALYSIS <input type="checkbox"/>
	EMERGENT						✓					GAME FISH STOCKING <input type="checkbox"/>
	UNDERWATER		✓	✓	✓	✓	✓	✓				GRASS CARP PERMITTING .. <input type="checkbox"/>
	FLOATING											FOUNTAIN/ AERATION <input type="checkbox"/>
	TERRESTRIAL											MUCK DIGESTOR PROGRAM <input type="checkbox"/>
	DAYS RESTRICTED											AQUATIC PLANTS <input type="checkbox"/>
												MIDGE/MOSQUITO CONTROL <input type="checkbox"/>
	O ₂	5	5	4	8	8	5	5				POND DYE APPLICATION ... <input type="checkbox"/>

BIOLOGIST COMMENTS

METHOD	WATER LEVEL	CLARITY	Sparse to moderate invasive aquatic plants in every lake.
BOAT <input checked="" type="checkbox"/>	LOW <input type="checkbox"/>	TANNIC <input type="checkbox"/>	
BACKPACK <input type="checkbox"/>	NORMAL <input checked="" type="checkbox"/>	CLEAR <input checked="" type="checkbox"/>	
AIR BOAT <input type="checkbox"/>	HIGH <input type="checkbox"/>	TURBID <input type="checkbox"/>	
ATV <input checked="" type="checkbox"/>		PLANKTONIC <input type="checkbox"/>	

CUSTOMER SIGNATURE _____





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SERVICE REPORT

CUSTOMER: Bridgetown at the plantation ACCOUNT # 725082

BIOLOGIST: John & Greg DATE: (1/10)(1/17)(1/18) TIME: 10

SERVICES INCLUDED

SITE:	22	23	24	25	26	27	28				SUGGESTED SERVICES
ALGAE	✓		X	X	X	X					WATER QUALITY ANALYSIS <input type="checkbox"/>
EMERGENT											GAME FISH STOCKING <input type="checkbox"/>
UNDERWATER	X	X					X				GRASS CARP PERMITTING .. <input type="checkbox"/>
FLOATING											FOUNTAIN/ AERATION <input type="checkbox"/>
TERRESTRIAL	X		X	X	X	X					MUCK DIGESTOR PROGRAM <input type="checkbox"/>
DAYS RESTRICTED											AQUATIC PLANTS <input type="checkbox"/>
D.O.	5	6	8	6	9	5	6				MIDGE/MOSQUITO CONTROL <input type="checkbox"/>
											POND DYE APPLICATION ... <input type="checkbox"/>

WEEDS TREATED

BIOLOGIST COMMENTS

METHOD	WATER LEVEL	CLARITY	Treated: Hydrilla, Pondweed, algae, Charra reaching the waters surface & overgrown grasses.
BOAT <input checked="" type="checkbox"/>	LOW <input checked="" type="checkbox"/>	TANNIC <input type="checkbox"/>	
BACKPACK <input type="checkbox"/>	NORMAL <input type="checkbox"/>	CLEAR <input checked="" type="checkbox"/>	
AIR BOAT <input type="checkbox"/>	HIGH <input type="checkbox"/>	TURBID <input type="checkbox"/>	
ATV <input checked="" type="checkbox"/>		PLANKTONIC <input type="checkbox"/>	

CUSTOMER SIGNATURE _____





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Aquatic Management Services

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SERVICE REPORT

CUSTOMER: Bridgetown at the Plantation ACCOUNT # 725082
BIOLOGIST: Jacob DATE (1/10)(1/17)(1/28) TIME: 6.5 hr

SERVICES INCLUDED

WEEDS TREATED	SITE:	29	30	31	33	34	35	32				SUGGESTED SERVICES
	ALGAE	✓	✓	✓		✓	✓	✓				WATER QUALITY ANALYSIS <input type="checkbox"/>
	EMERGENT											GAME FISH STOCKING <input type="checkbox"/>
	UNDERWATER	✓	✓				✓					GRASS CARP PERMITTING ... <input checked="" type="checkbox"/>
	FLOATING											FOUNTAIN/ AERATION <input type="checkbox"/>
	TERRESTRIAL											MUCK DIGESTOR PROGRAM <input type="checkbox"/>
	DAYS RESTRICTED	0	0	0	0	0	0	0				AQUATIC PLANTS <input type="checkbox"/>
												MIDGE/MOSQUITO CONTROL <input type="checkbox"/>
	D.O.	5	6	5	6	6	6	5				POND DYE APPLICATION ... <input checked="" type="checkbox"/>

BIOLOGIST COMMENTS

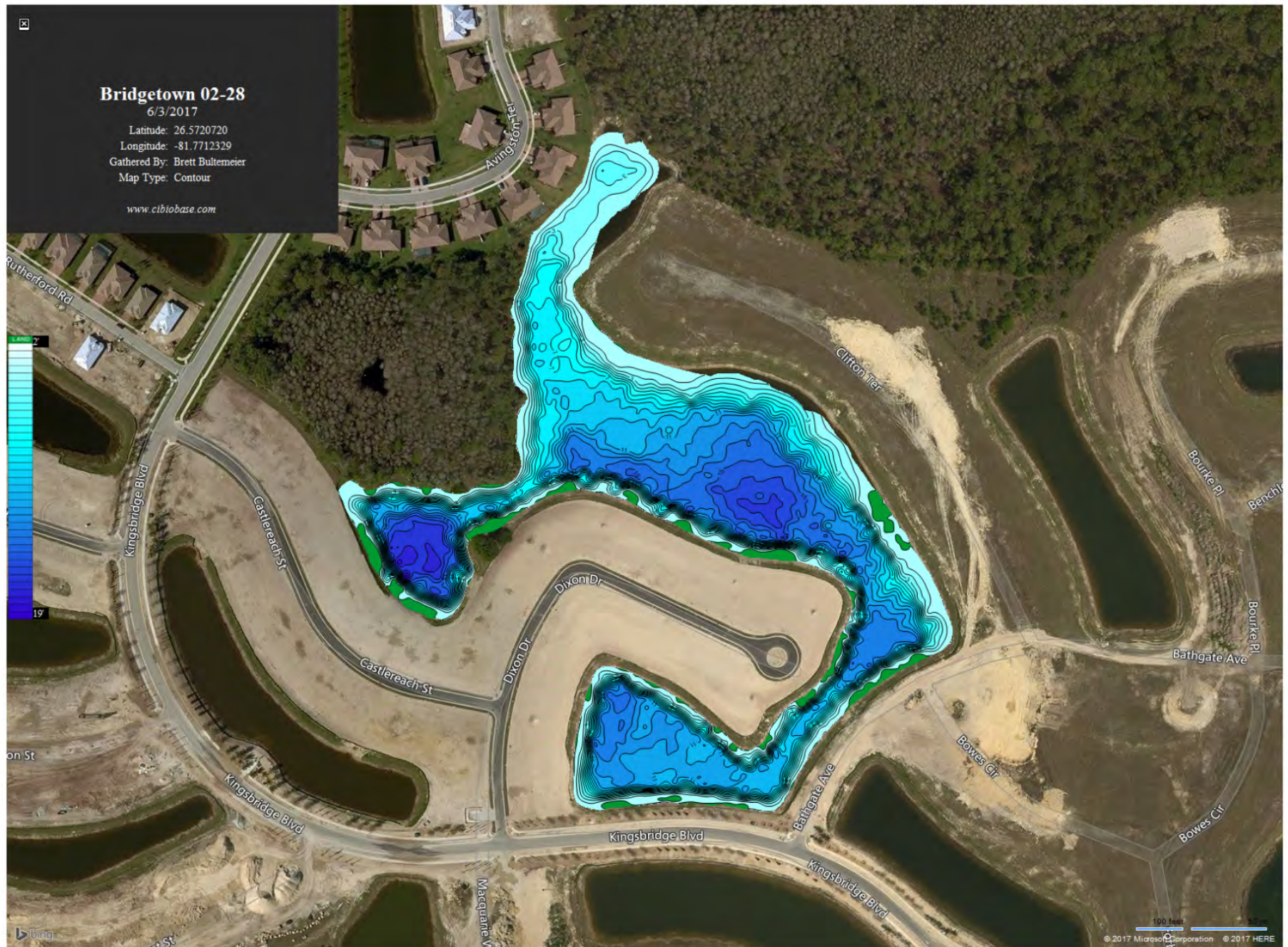
METHOD BOAT <input checked="" type="checkbox"/> BACKPACK <input type="checkbox"/> AIR BOAT <input type="checkbox"/> ATV <input type="checkbox"/>	WATER LEVEL LOW <input type="checkbox"/> NORMAL <input checked="" type="checkbox"/> HIGH <input type="checkbox"/>	CLARITY TANNIC <input type="checkbox"/> CLEAR <input checked="" type="checkbox"/> TURBID <input type="checkbox"/> PLANKTONIC <input type="checkbox"/>	Added dye to lake 33. Treated algae and submersed in lakes 29, 30, 31, 34, 35, and 32. Thank you!
---	---	--	--

CUSTOMER SIGNATURE _____



<u>Ponds</u>	<u>Littoral status</u>	<u>Bare spots</u>	<u>Increased bank slope</u>	<u>Chara floating</u>	<u>Torpedo grass</u>	<u>Active building</u>	<u>Other?</u>
1	good	few	E, N at least			no	
2	good			some N		no	
3	few		W, S			no	
4	good		yes			no	
5	good		yes			no	
6	some		yes		yes	no	bulrushes
7	few		some			no	
8	good					no	
9	good	some				no	
10	good?	yes		some		no	
11	good	yes				yes	turned over?
12	good	yes				yes	turned over?
13	good	yes				yes	turned over?
14	good	yes				yes	turned over?
15	good	yes				yes	turned over?
16	good	some				no	
17	good					no	
18	good					no	outflow block?
19	good					no	

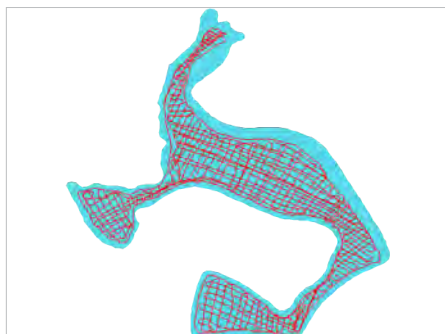
<u>Ponds</u>	<u>Littoral status</u>	<u>Bare spots</u>	<u>Increased bank slope</u>	<u>Chara floating</u>	<u>Torpedo grass</u>	<u>Active building</u>	<u>Other?</u>
20	good	few			some	no	
21	few	few			yes	no	
22	good	few			yes	no	
23	few	yes		some	some	no	weeds E edge
24	good	some		yes	yes	1 house	
25	few		yes	yes		yes	
26	few				yes		
27	spotty	yes	erosion	few	yes		
28	good			yes	yes	yes	
29				yes	yes	yes	
30	few	few		yes	yes	yes	
31						yes	along wall
32	few	some		yes	yes	yes	
33			erosion	yes		yes	
34				yes		yes	
35	none			yes	yes		algal bloom



Bridgetown 02-28, Lee County Florida

Generated: 6/7/2017 9:42:02 PM (UTC)

Waterbody Size: 5.76 ha (14.20 acres)



Data Collector

Brett Bultemeier

Data Collection Date

6/3/2017 12:05:29 PM (UTC)

Average Water Temperature

30.31° C (86.56° F)

Location

Start: 26.57179642,
-81.77036285

End: 26.57256126,
-81.77127838

Survey Size

Area: 5.52 ha
(13.64 acres)

Percent: 95.78% of
waterbody

Volume: 136,076.10 cu. m
(110.32 acre ft)

Est. Waterbody Volume

142,097.70 cu. m
(115.20 acre ft)

Settings

Track Buffer: 15 m

Grid Cell Size: 5 m

Min. BV Detect: 5%

Min. Veg Depth: 0.73152

Detect: m

Offset

0.1524 m

No description

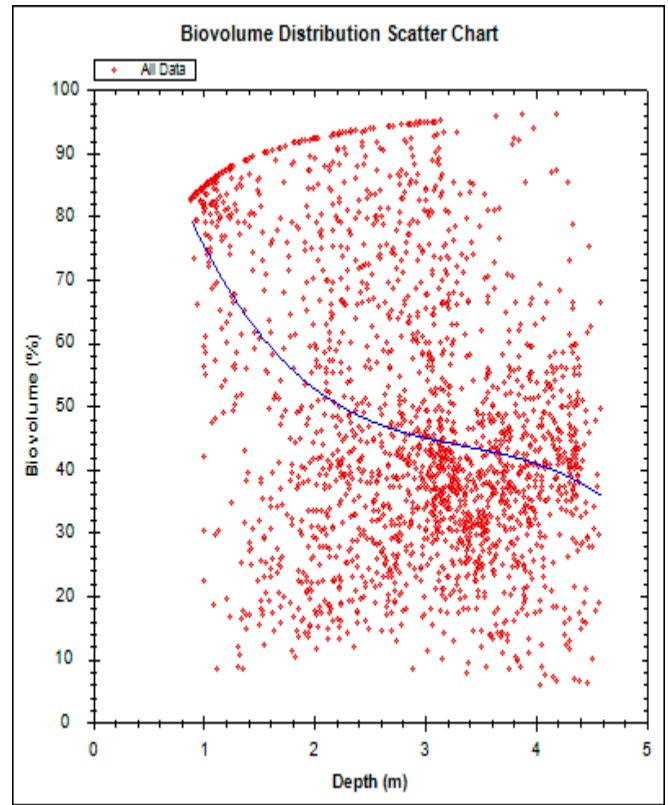
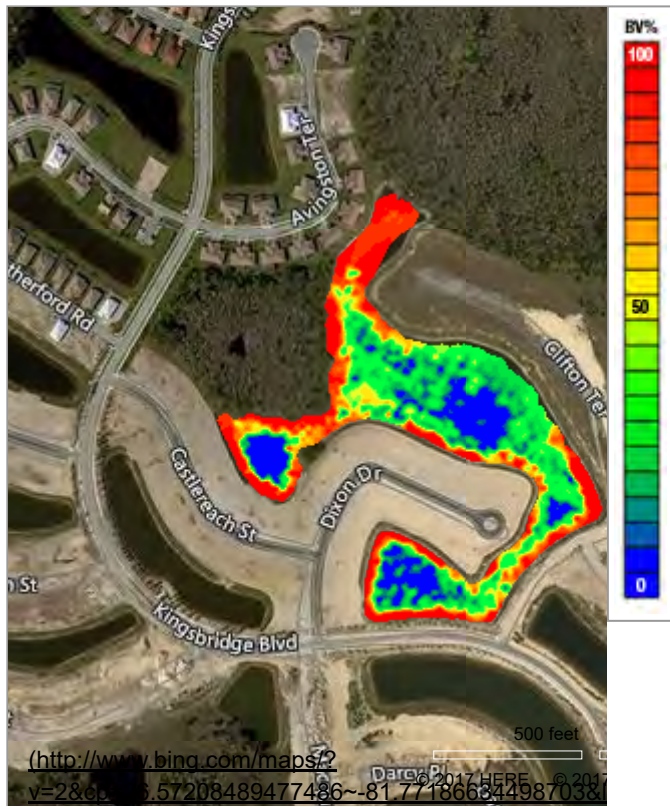
Quality Control

Reviewer: Cooper, Laura

Comments: We have
reviewed this trip.
Please use the
"ASK THE
EXPERTS"
button for this trip
if you have any
questions.

Area of Interest Summary

AOI	Type	PAC	Avg BVp	SD BVp	Avg BVw	SD BVw	Depth Range	Avg Depth	Distance	No. Points
1	Point	76.3%	49.6%	±23.1%	37.8%	±29.2%	0.46-5.9 m	2.83 m	12.51 km	2,821
	Grid	85.7%	50%	±27.7%	42.8%	±31.1%	0-5.72 m	2.48 m	-	1,765



Biovolume Analysis by Quantity

AOI	0-5%	5-20%	20-40%	40-60%	60-80%	>80%
1	23.68%	6.03%	26.13%	20.6%	9.71%	13.86%

Biovolume Analysis by Depth

AOI	Depth	Type	Count	PAC	Avg BVp	SD BVp	Avg BVw	SD BVw
1	0-1m	Point	91	100%	81.7%	±8.4%	81.7%	±8.4%
	1-2m		414	96.1%	61.2%	±26.4%	58.8%	±28.4%
	2-3m		687	92.9%	50.2%	±23.3%	46.6%	±25.9%
	3-4m		994	78.7%	42.2%	±17.8%	33.2%	±23.4%
	4-5m		508	48%	40.8%	±15.3%	19.6%	±23%
	5-6m		127	0%	-	-	0%	±0%
	6-7m		0	-	-	-	-	-
	7-8m		0	-	-	-	-	-
	8-9m		0	-	-	-	-	-
	>9m		0	-	-	-	-	-
	0-1m	Grid	493	99.8%	72.9%	±22.6%	72.7%	±22.8%
	1-2m		201	100%	53.2%	±26.4%	53.2%	±26.4%
	2-3m		288	96.9%	41.5%	±21.9%	40.2%	±22.8%
	3-4m		438	83.8%	34%	±19.1%	28.5%	±21.5%
	4-5m		267	61.4%	28.8%	±16.7%	17.7%	±19.2%
	5-6m		78	11.5%	26.8%	±23.9%	3.1%	±11.8%

6-7m	0	-	-	-	-	-
7-8m	0	-	-	-	-	-
8-9m	0	-	-	-	-	-
>9m	0	-	-	-	-	-

Glossary

AOI

Area of Interest: Defines the individual transects or contiguous data samples as depicted by the color coding of each trip line. Seperate areas of interest can be generated through merging of multiple trips, appending data to a single sonar log or lapses in time (greater than five minutes) within a sonar log.

BVp

Biovolume (Plant):: Refers to the percentage of the water column taken up by vegetation when vegetation exists. Areas that do not have any vegetation are not taken into consideration for this calculation.

BVw

Biovolume (All water): Refers to the average percentage of the water column taken up by vegetation regardless of whether vegetation exists. In areas where no vegetation exists, a zero value is entered into the calculation, thus reducing the overall biovolume of the entire area covered by the survey.

PAC

Percent Area Covered: Refers to the overall surface area that has vegetation growing.

Grid

Geostatistical Interpolated Grid: Interpolated and evenly spaced values representing kriged (smoothed) output of aggregated data points. The gridded data is most accurate summary of individual survey areas.

Point

Individual Coordinate Point: A single point represents a summary of sonar pings and the derived bottom and canopy depths. Individual point data create an irregularly spaced dataset that may have overlaps and/or gaps in the data resulting in a increased potential for error.

Additional Information

No additional information

Report URL: <https://noxreportprod.s3.amazonaws.com/1f195cbc-165b-44c4-8a12-133260c562c1/report.htm>
(<https://noxreportprod.s3.amazonaws.com/1f195cbc-165b-44c4-8a12-133260c562c1/report.htm>)

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ARBORWOOD (BRIDGETOWN PHASE)

LAKE BANK INSPECTION REPORT

MARCH 2019

PREPARED FOR:

ARBORWOOD COMMUNITY DEVELOPMENT DISTRICT

SPECIAL DISTRICT SERVICES, INC.

27499 RIVERVIEW CENTER BLVD, SUITE 253

BONITA SPRINGS, FL 34134

PREPARED BY:



9351 CORKSCREW ROAD DRIVE, SUITE 102
ESTERO, FLORIDA 33928

JOSH R. EVANS, P.E.
FLORIDA LICENSE NO. 57436

OVERVIEW

In a continuing effort to monitor and report on the functionality of The Arborwood Stormwater Management System (SWMS), an inspection of the SWMS was performed in February of 2019. Inspections included field observations of all lake banks within the Bridgetown Phase of the Arborwood SWMS to determine the extent of existing stabilization and any areas of erosion. This report outlines the observations made and identifies areas of concern which need maintenance/repair, and any recommended additional inspections/monitoring.

GENERAL PROJECT INFORMATION

- Project Location: Arborwood, Lee County, FL
- SFWMD Master Permit No.: 36-04853-P
- Dates of Inspection:
 - Lake Banks: February 2019 (field observation by J.R. Evans Engineering, P.A.)

LAKE BANK INSPECTION

Field observation of the lakes within the Bridgetown Phase of the Arborwood SWMS was performed in February 2019. All lakes within the Bridgetown Phase were inspected. Lake stabilization consists of grassed shorelines at varying slopes and seawall stabilization.

Within the Bridgetown Phase of the SWMS, there were areas of erosion noted on grassed shorelines, including areas of minor erosion that require maintenance/repair to prevent substantial erosion or failure, and areas of extensive erosion that require immediate corrective action to remediate the shorelines. It is recommended that corrective action is taken to remediate shorelines identified as having “minor erosion” and “extensive erosion” within this report.

Included as Exhibit A to this report is an exhibit identifying the lake shorelines that were inspected, with color-coded identification to delineate shorelines that were satisfactory (green), shorelines with “minor erosion” (yellow) and shorelines with “extensive erosion” (red). The exhibit also identifies reference numbers for photographs which are included as Exhibit B to this report. Please note that in general, only photos of problem areas are included with this report and the photos were taken during the dry season.

SUMMARY

It is also recommended that continuing inspections of The Arborwood SWMS be performed to monitor the condition of the SWMS. A SWMS of this nature requires continuing maintenance to ensure functionality of the system, and inspections by a registered professional engineer are integral to identify problem areas and/or confirm that the system is functioning adequately.

EXHIBIT A

LAKE SUMMARY AND IDENTIFICATION EXHIBIT



N



0 450 900'
SCALE: 1" = 900'



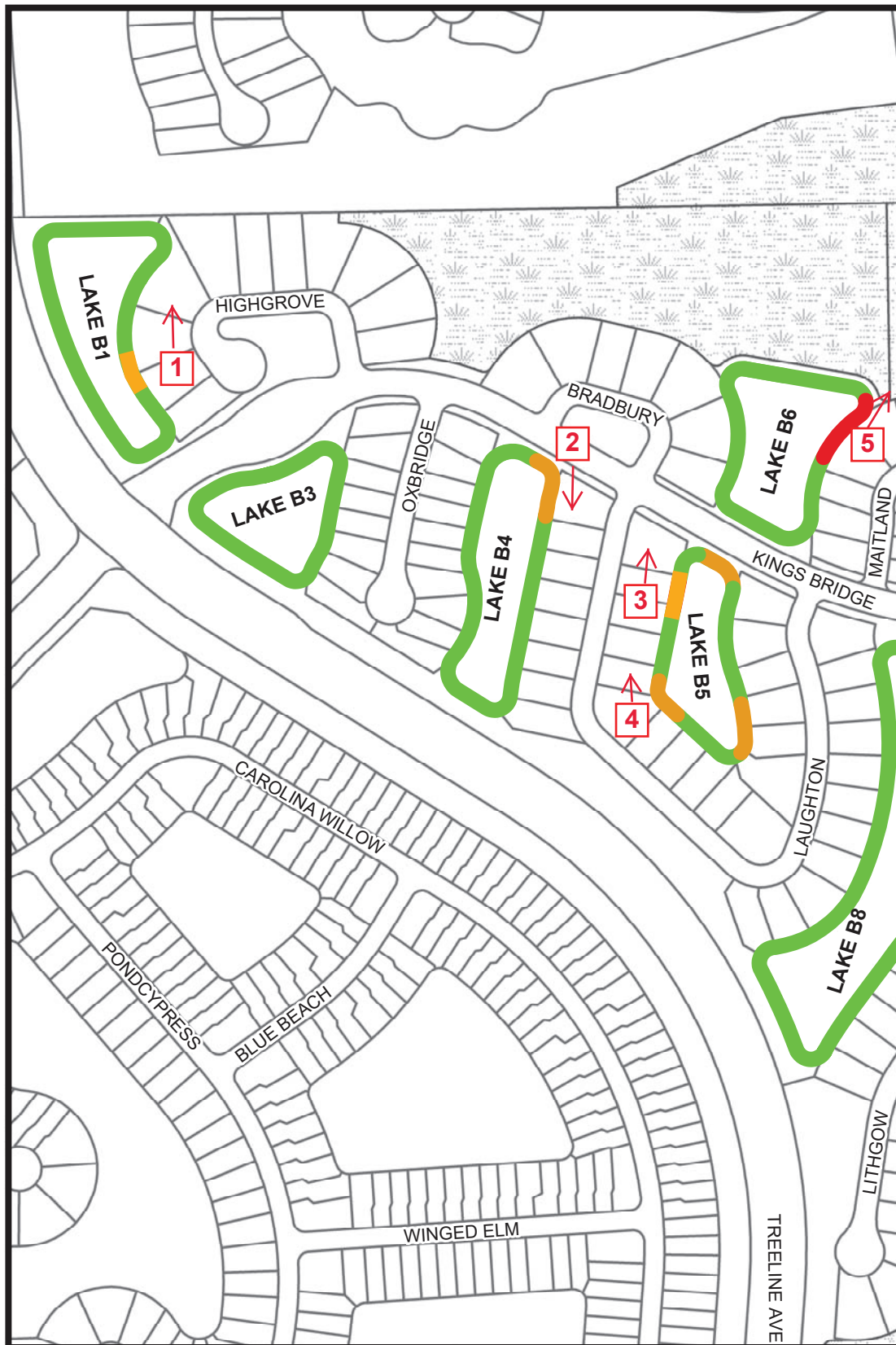
J.R. EVANS ENGINEERING, P.A.

9351 CORKSCREW ROAD, SUITE 102
ESTERO, FLORIDA 33928
PHONE: (239) 405-9148
FAX: (239) 288-2537
www.JREVANSENGINEERING.COM
FL. COA #29226

FILE DATE: 3/15/2019

EXHIBIT B
LAKE SUMMARY AND
IDENTIFICATION EXHIBIT

KEY MAP
Page 63



Legend

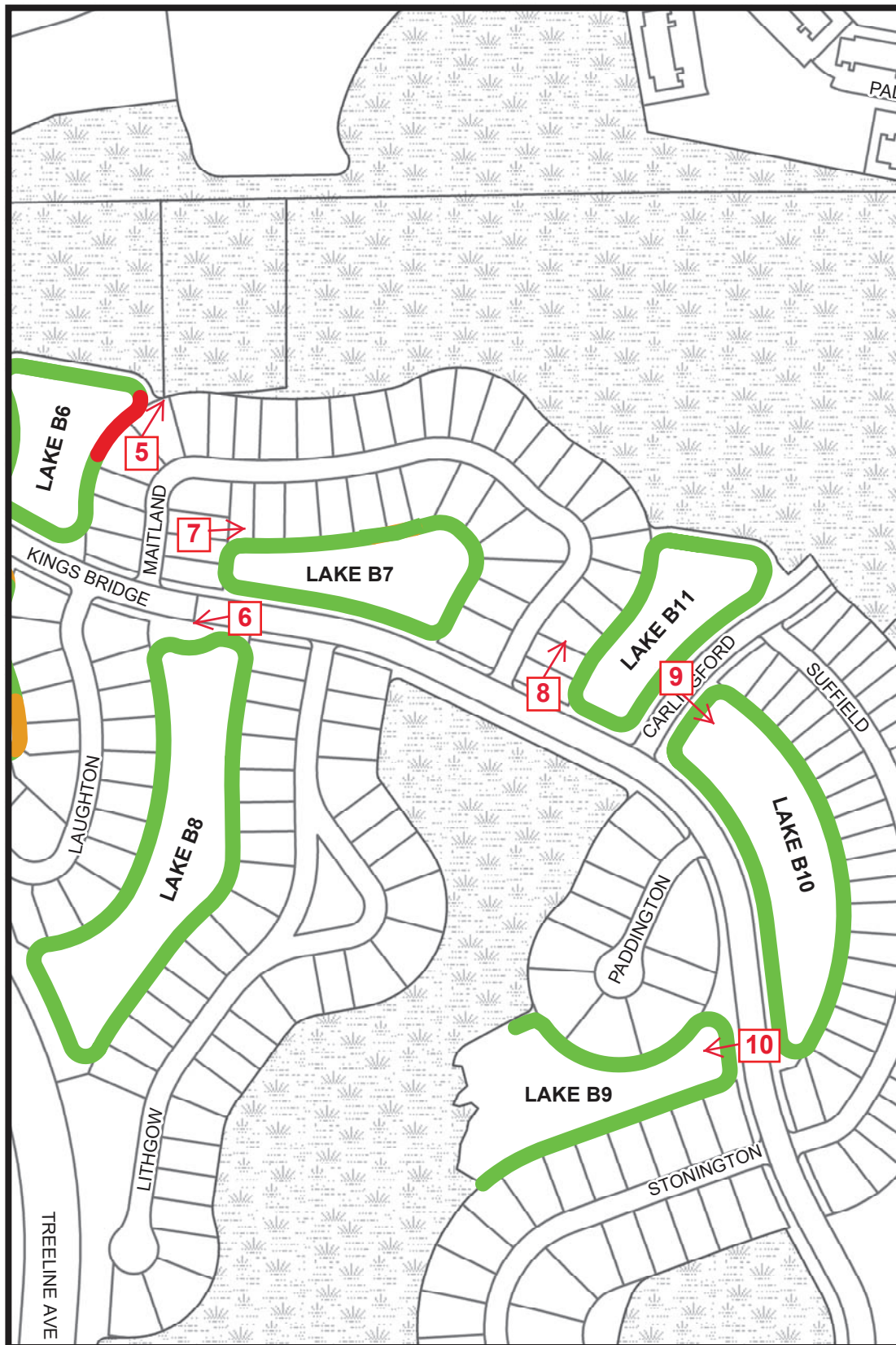
Lake's Condition

- █ EXTENSIVE EROSION
- █ MINOR EROSION
- █ SATISFACTORY

FILE DATE: 3/15/2019

ARBORWOOD CDD
2019 LAKE BANK INSPECTION

RESTORATION PLAN 1



SCALE: 1" = 350'

Legend

Lake's Condition

- █ EXTENSIVE EROSION
- █ MINOR EROSION
- █ SATISFACTORY

FILE DATE: 3/15/2019

ARBORWOOD CDD
2019 LAKE BANK INSPECTION

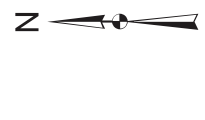
RESTORATION PLAN 2



Legend

Lake's Condition

- █ EXTENSIVE EROSION
- █ MINOR EROSION
- █ SATISFACTORY

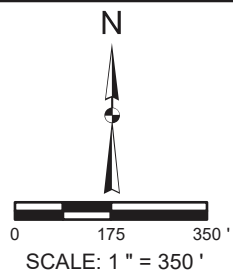
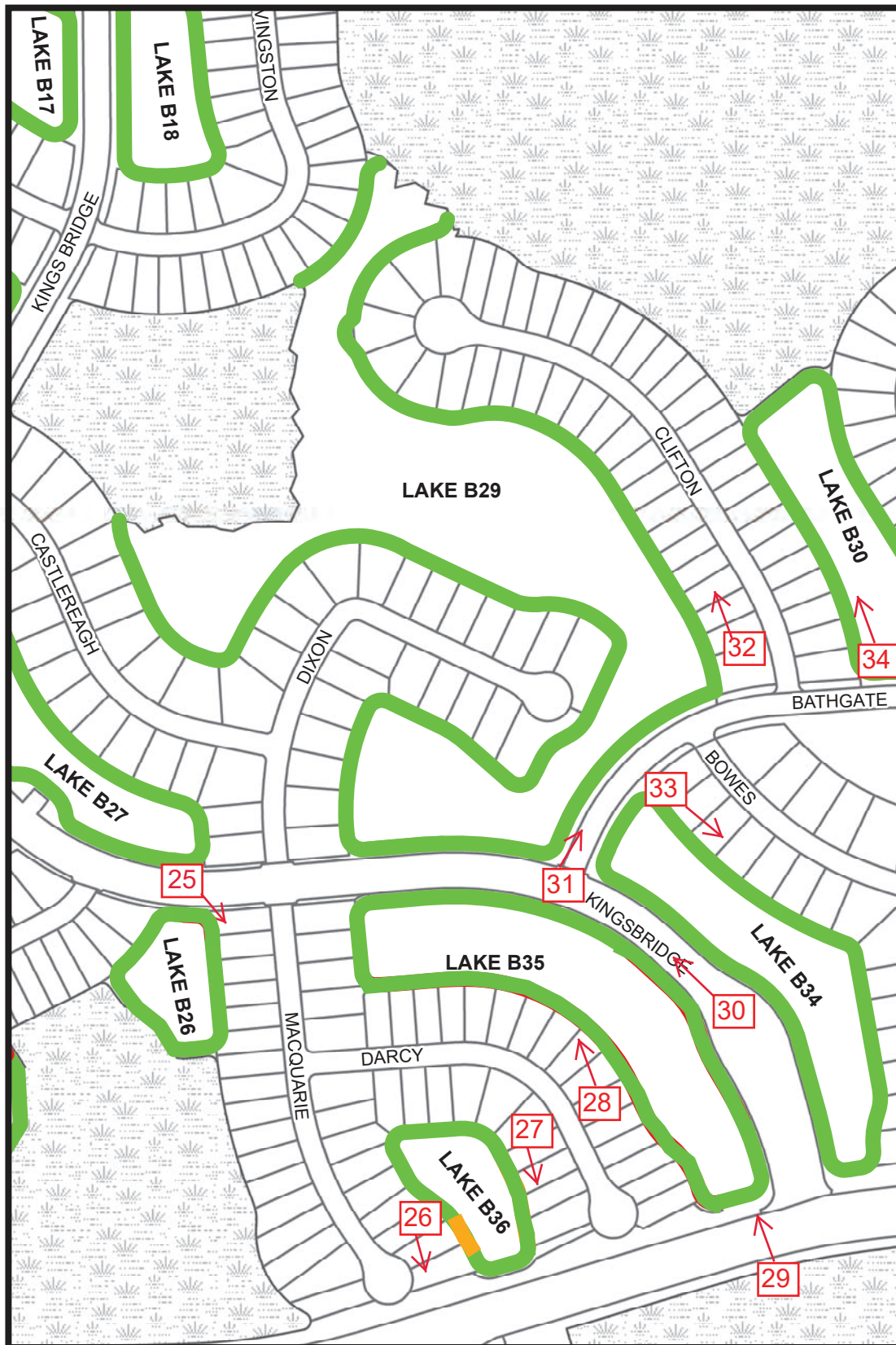


SCALE: 1" = 350'

FILE DATE: 5/11/2018

ARBORWOOD CDD
2019 LAKE BANK INSPECTION

RESTORATION PLAN 3



Legend

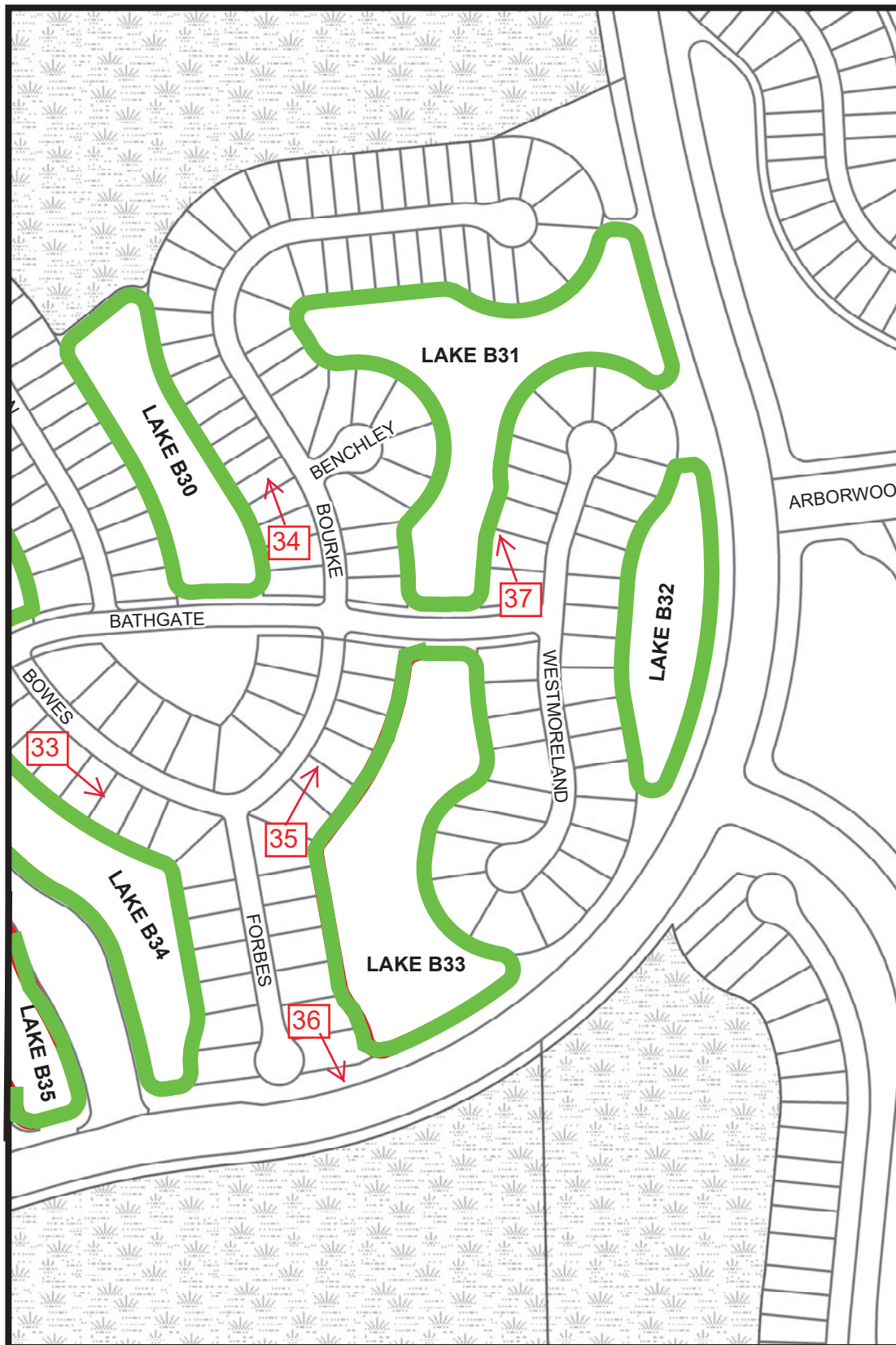
Lake's Condition

- █ EXTENSIVE EROSION
- █ MINOR EROSION
- █ SATISFACTORY

FILE DATE: 3/15/2018

ARBORWOOD CDD
2017 LAKE BANK INSPECTION

RESTORATION PLAN 5



0 175 350'
SCALE: 1" = 350'

Legend

Lake's Condition

- █ EXTENSIVE EROSION
- █ MINOR EROSION
- █ SATISFACTORY

FILE DATE: 3/15/2018

ARBORWOOD CDD
2017 LAKE BANK INSPECTION

RESTORATION PLAN 6

EXHIBIT B

LAKE PHOTOS



Photo #1

Minor sod loss is causing erosion on the lake slope



Photo #2

Minor sod loss at the top of the lake slope



Photo #3

Minor erosion on the lake slope



Photo #4

Minor erosion on the lake slope



Photo #5

Extensive sod loss is causing erosion on the lake slope



Photo #6

Satisfactory sod is preventing erosion



Photo #7

Satisfactory sod replacement has prevented erosion



Photo #8

Satisfactory sod is preventing erosion



Photo #9

Satisfactory sod is preventing erosion



Photo #10

Satisfactory sod is preventing erosion



Photo #11

Satisfactory sod replacement has prevented erosion



Photo #12

Satisfactory sod is preventing erosion



Photo #13

Satisfactory sod replacement has prevented erosion



Photo #14

Satisfactory sod is preventing erosion



Photo #15

Satisfactory sod is preventing erosion



Photo #16

Satisfactory sod is preventing erosion



Photo #17

Satisfactory sod replacement has prevented erosion



Photo #18

Satisfactory sod replacement has slowed down the rate of erosion near the top of the lake slope



Photo #19

Satisfactory sod replacement has prevented erosion



Photo #20

Satisfactory sod replacement has prevented erosion



Photo #21

Satisfactory sod replacement has prevented erosion



Photo #22

Satisfactory sod replacement has prevented erosion



Photo #23

Satisfactory sod replacement has prevented erosion



Photo #24

Satisfactory sod replacement has prevented erosion



Photo #25

Satisfactory sod replacement has prevented erosion



Photo #26

Minor erosion near the bottom of the lake slope



Photo #27

Satisfactory sod replacement has prevented erosion



Photo #28

Satisfactory sod replacement has prevented erosion



Photo #29

Satisfactory sod is preventing erosion



Photo #30

Satisfactory sod replacement has prevented erosion



Photo #31

Satisfactory sod is preventing erosion



Photo #32

Satisfactory sod is preventing erosion



Photo #33

Satisfactory sod is preventing erosion



Photo #34

Satisfactory sod is preventing erosion



Photo #35

Satisfactory sod replacement has prevented erosion



Photo #36

Satisfactory sod replacement has prevented erosion



Photo #37

Satisfactory sod is preventing erosion

ARBORWOOD (SOMERSET PHASE)

LAKE BANK INSPECTION REPORT

MARCH 2019

PREPARED FOR:

ARBORWOOD COMMUNITY DEVELOPMENT DISTRICT

SPECIAL DISTRICT SERVICES, INC.

27499 RIVERVIEW CENTER BLVD, SUITE 253

BONITA SPRINGS, FL 34134

PREPARED BY:



9351 CORKSCREW ROAD DRIVE, SUITE 102

ESTERO, FLORIDA 33928

JOSH R. EVANS, P.E.
FLORIDA LICENSE NO. 57436

OVERVIEW

In a continuing effort to monitor and report on the functionality of The Arborwood Stormwater Management System (SWMS), an inspection of the SWMS was performed in March of 2019. Inspections included field observations of all lake banks within the Somerset Phase of the Arborwood SWMS to determine the extent of existing stabilization and any areas of erosion. This report outlines the observations made and identifies areas of concern which need maintenance/repair, and any recommended additional inspections/monitoring.

GENERAL PROJECT INFORMATION

- Project Location: Arborwood, Lee County, FL
- SFWMD Master Permit No.: 36-04853-P
- Dates of Inspection:
 - Lake Banks: March 2019 (field observation by J.R. Evans Engineering, P.A.)

LAKE BANK INSPECTION

Field observation of the lakes within the Somerset Phase of the Arborwood SWMS was performed in March 2019. All lakes within the Somerset Phase were inspected. Lake stabilization consists of grassed shorelines at varying slopes.

Within the Somerset Phase of the SWMS, there were areas of erosion noted on grassed shorelines, including areas of minor erosion that require maintenance/repair to prevent substantial erosion or failure, and areas of extensive erosion that require immediate corrective action to remediate the shorelines. It is recommended that corrective action is taken to remediate shorelines identified as having “minor erosion” and “extensive erosion” within this report.

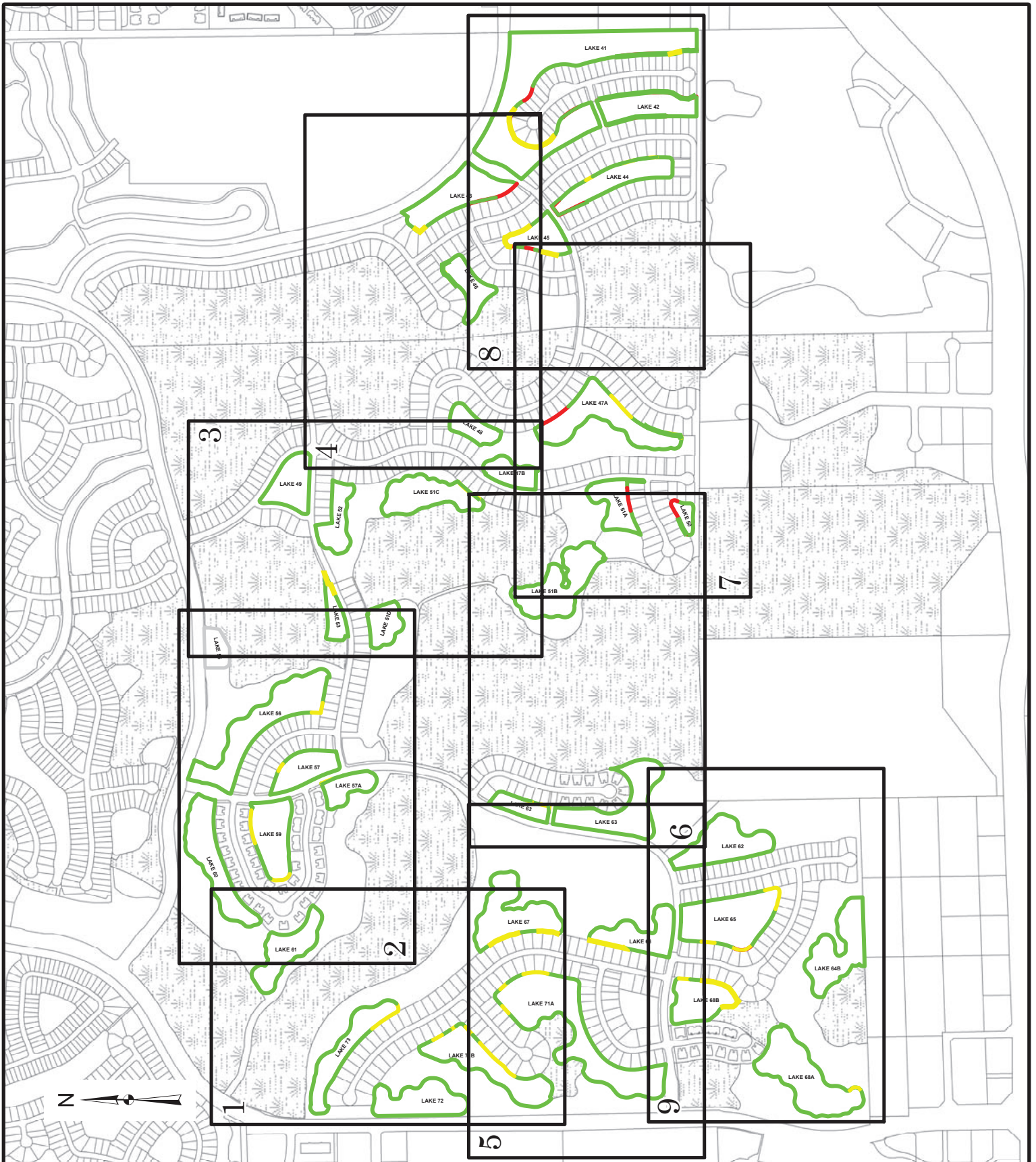
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SUMMARY

It is also recommended that continuing inspections of The Arborwood SWMS be performed to monitor the condition of the SWMS. A SWMS of this nature requires continuing maintenance to ensure functionality of the system, and inspections by a registered professional engineer are integral to identify problem areas and/or confirm that the system is functioning adequately.

EXHIBIT A

LAKE SUMMARY AND IDENTIFICATION EXHIBIT



FILE DATE: 5/17/2018

0 550 1,100'
SCALE: 1" = 1,100'

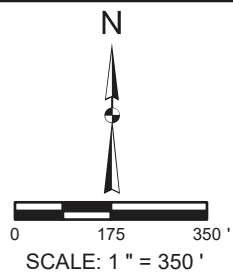
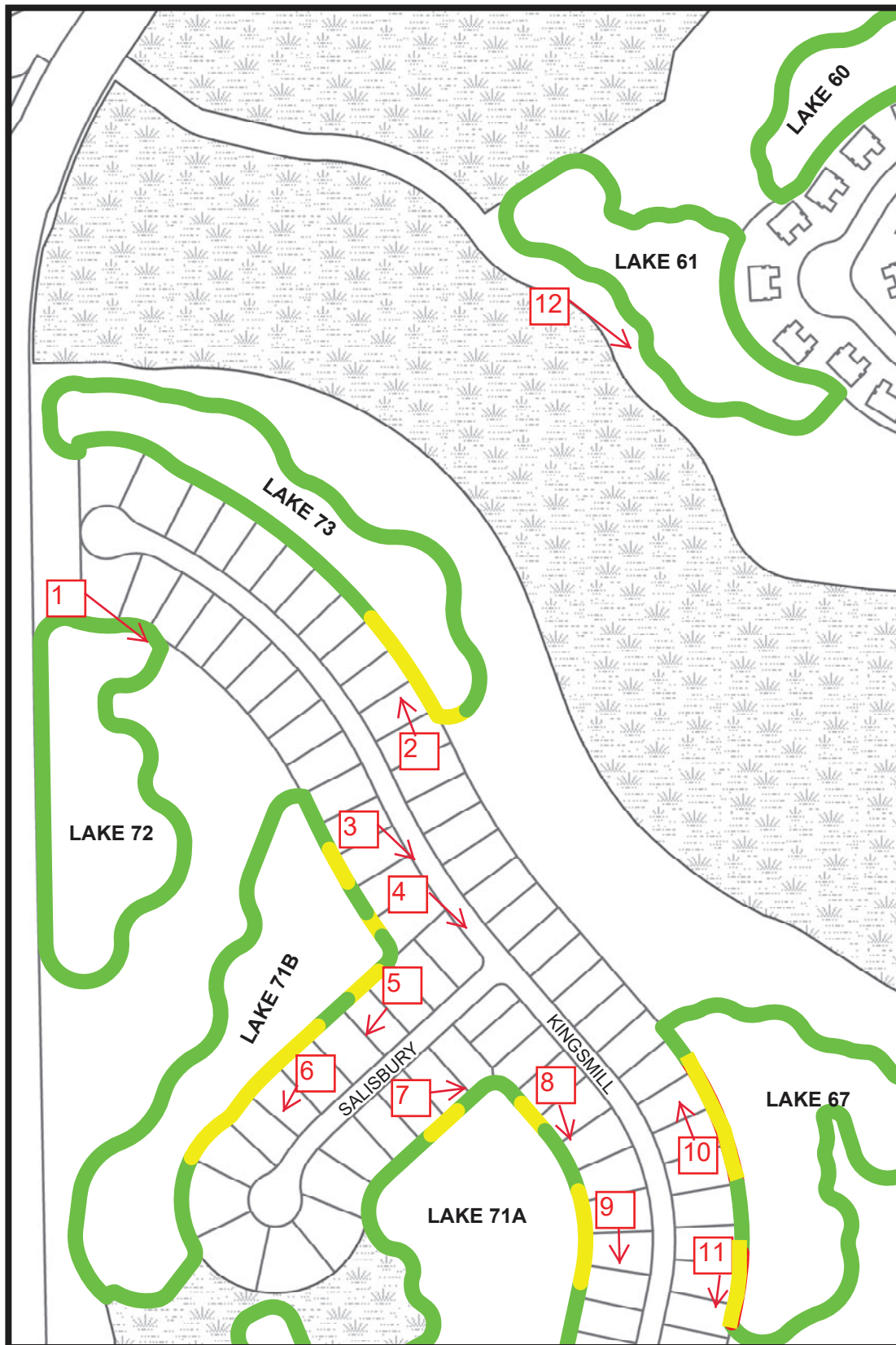


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FL. COA #29226

**SOMMERSET LAKES
LAKE SUMMARY AND
IDENTIFICATION EXHIBIT**

KEY MAP
Page 93



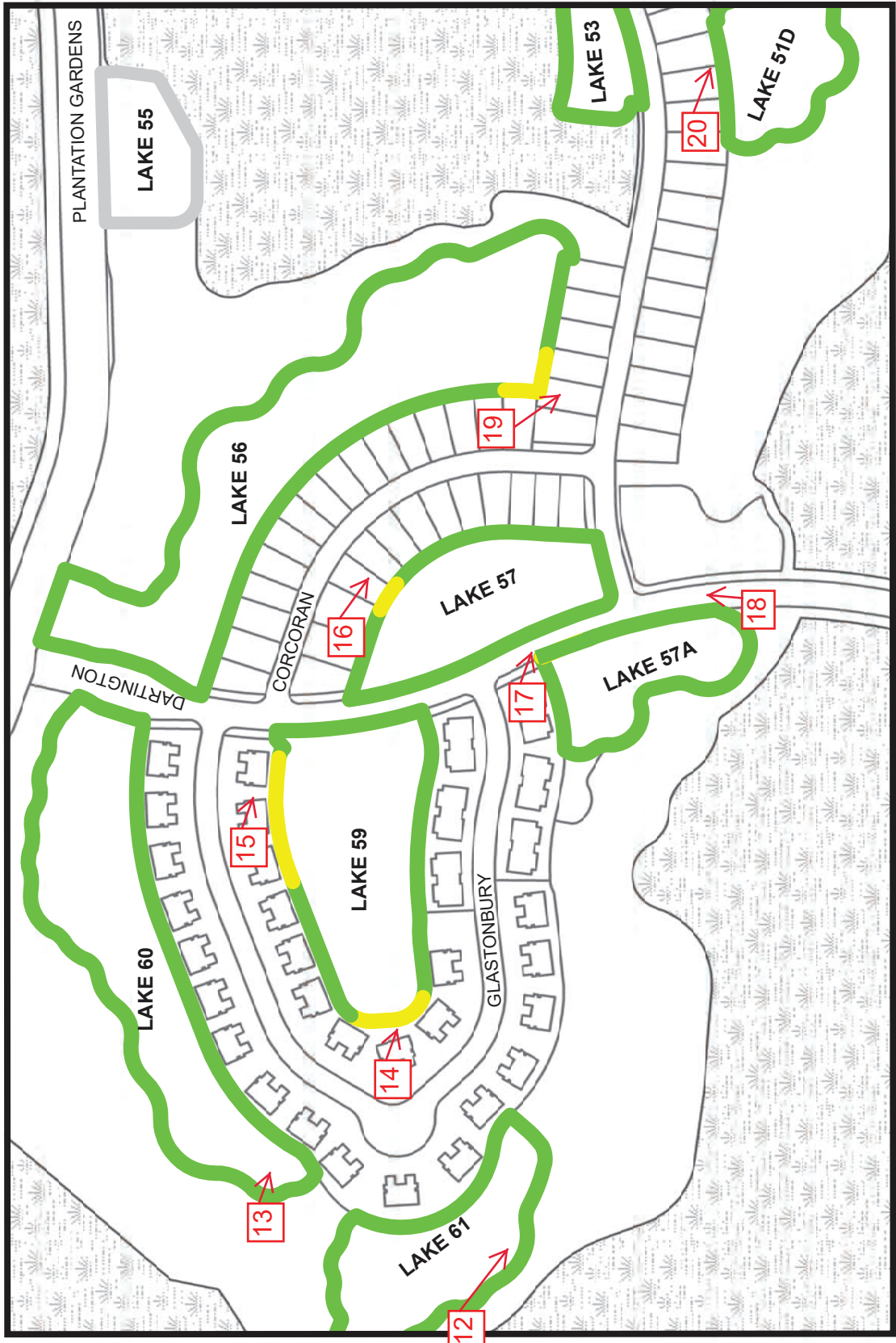
Legend

- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY

FILE DATE: 5/17/2018

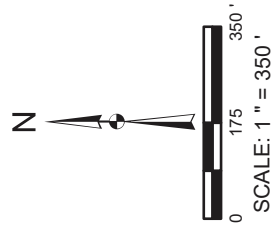
ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION

RESTORATION PLAN 1



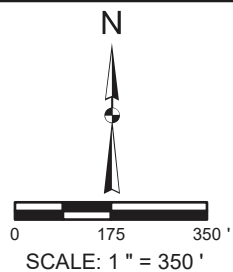
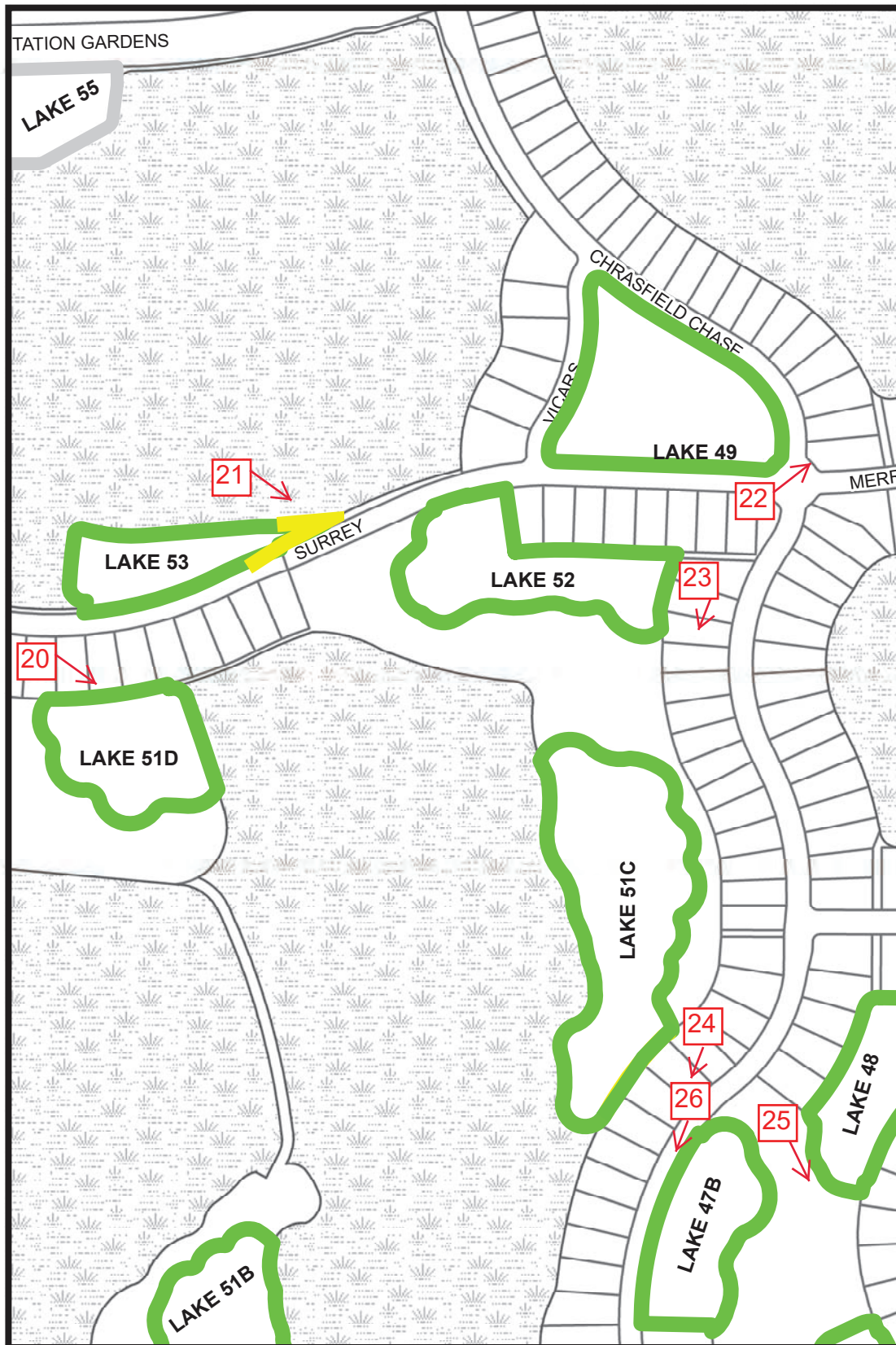
Legend

- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY



FILE DATE: 5/17/2018

ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION
RESTORATION PLAN 2



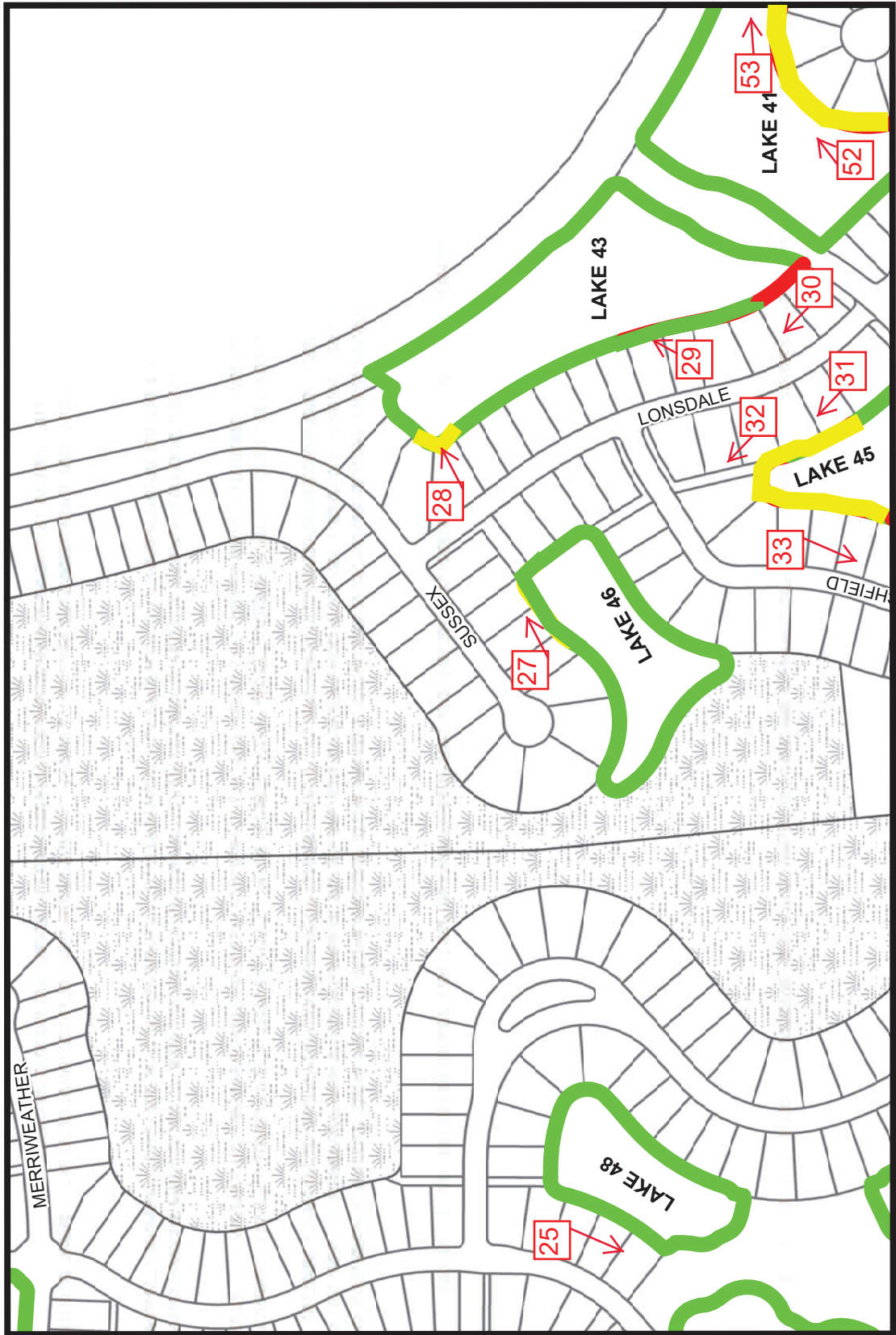
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- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY

FILE DATE: 5/17/2018

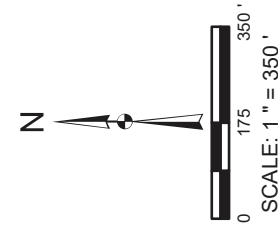
ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION

RESTORATION PLAN 3



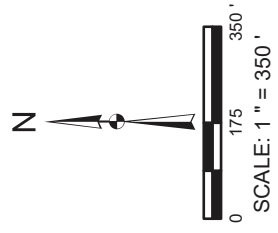
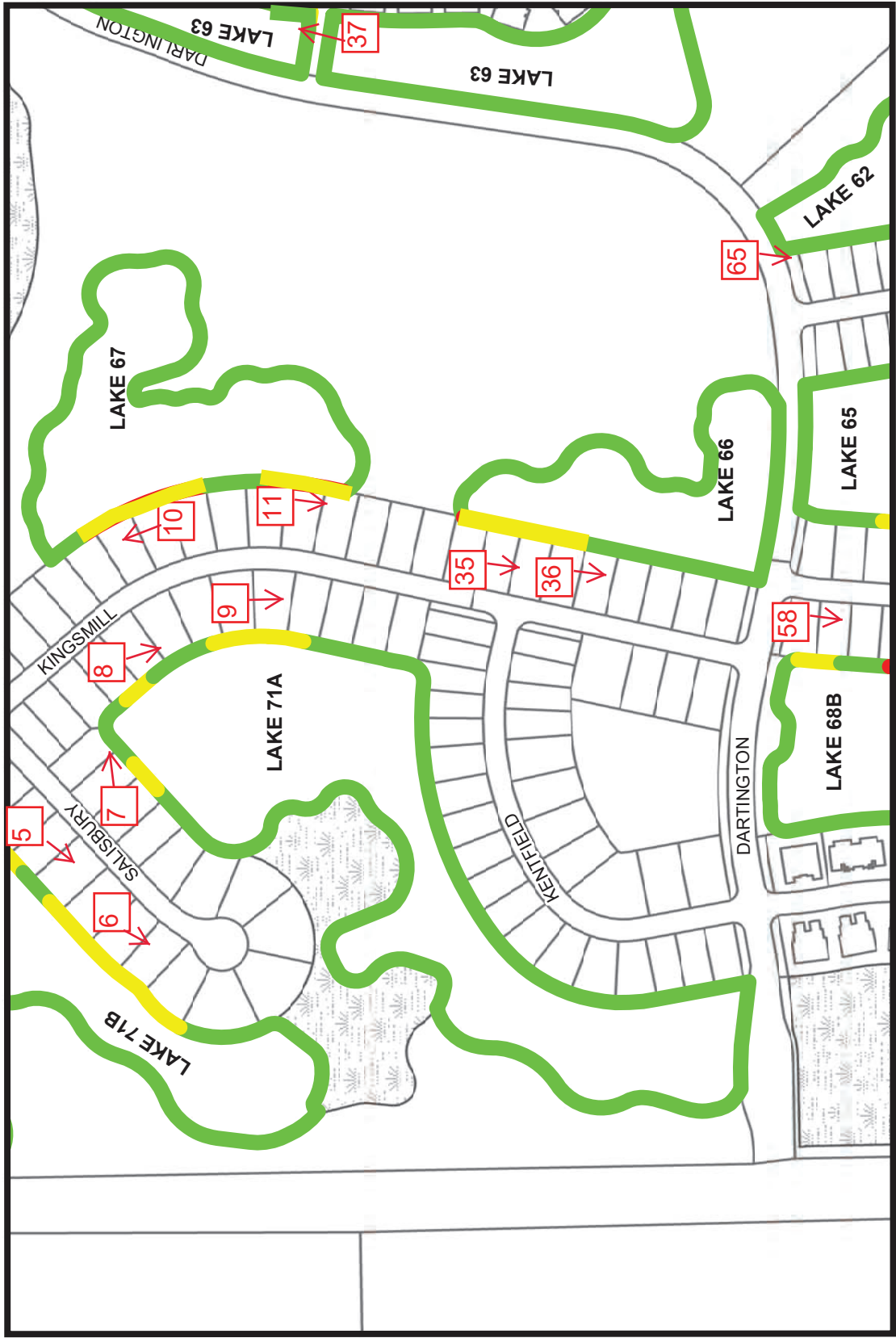
Legend

- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY



FILE DATE: 5/17/2018

ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION
RESTORATION PLAN 4

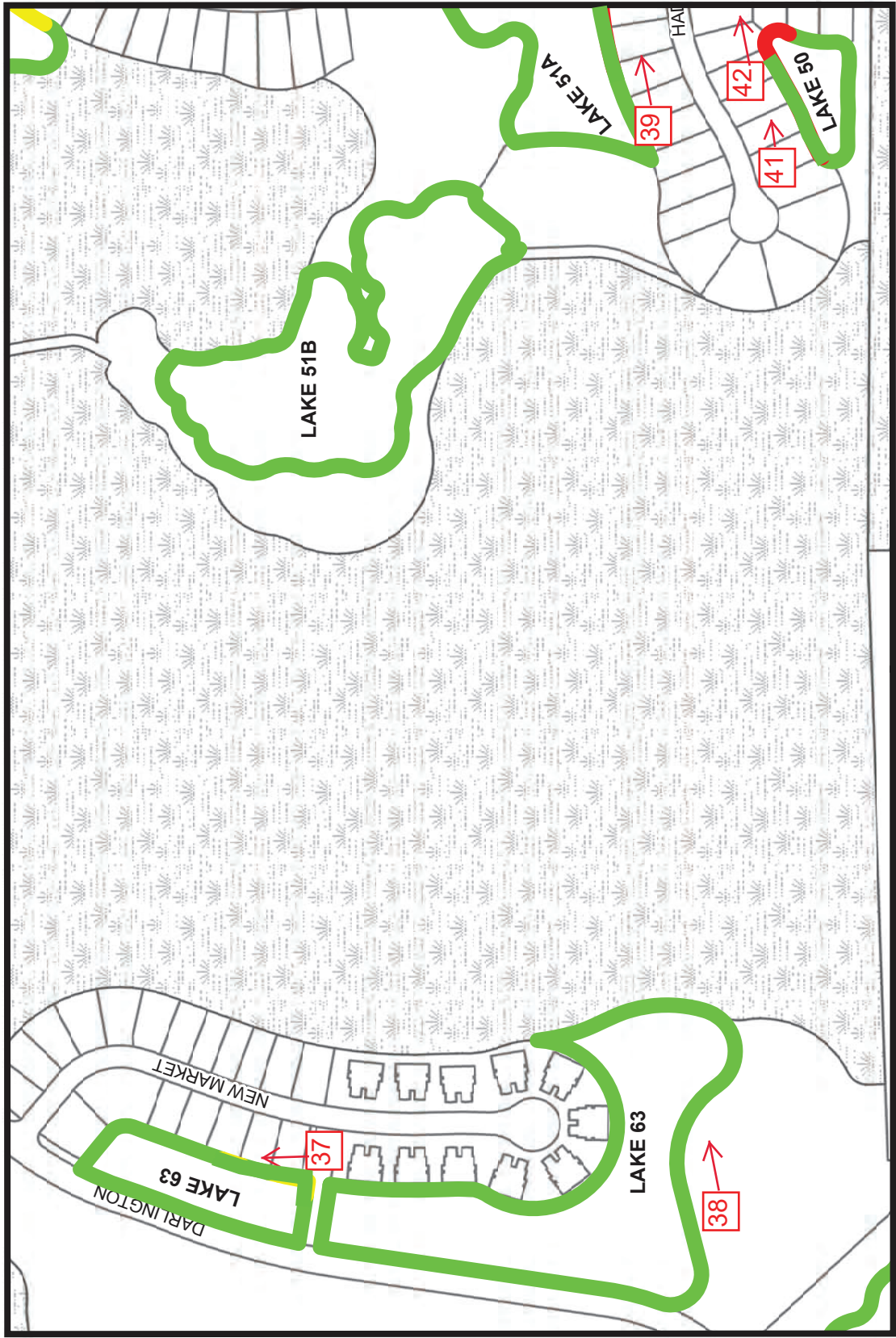


Legend

- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY

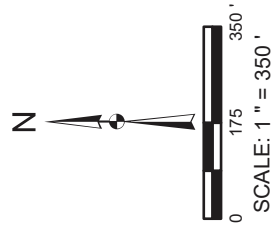
FILE DATE: 5/17/2018

ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION
RESTORATION PLAN 5



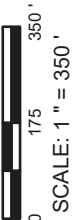
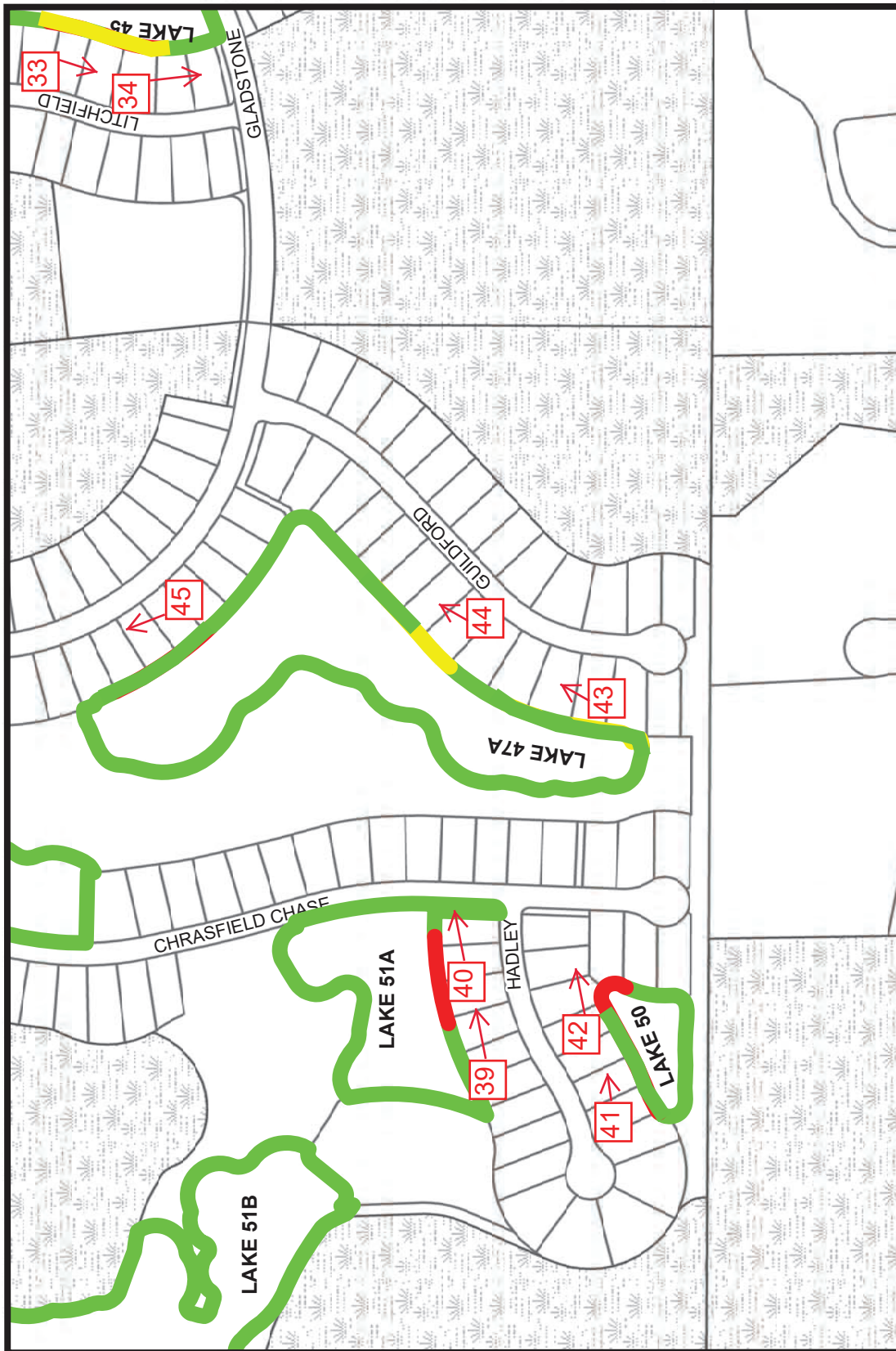
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- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY



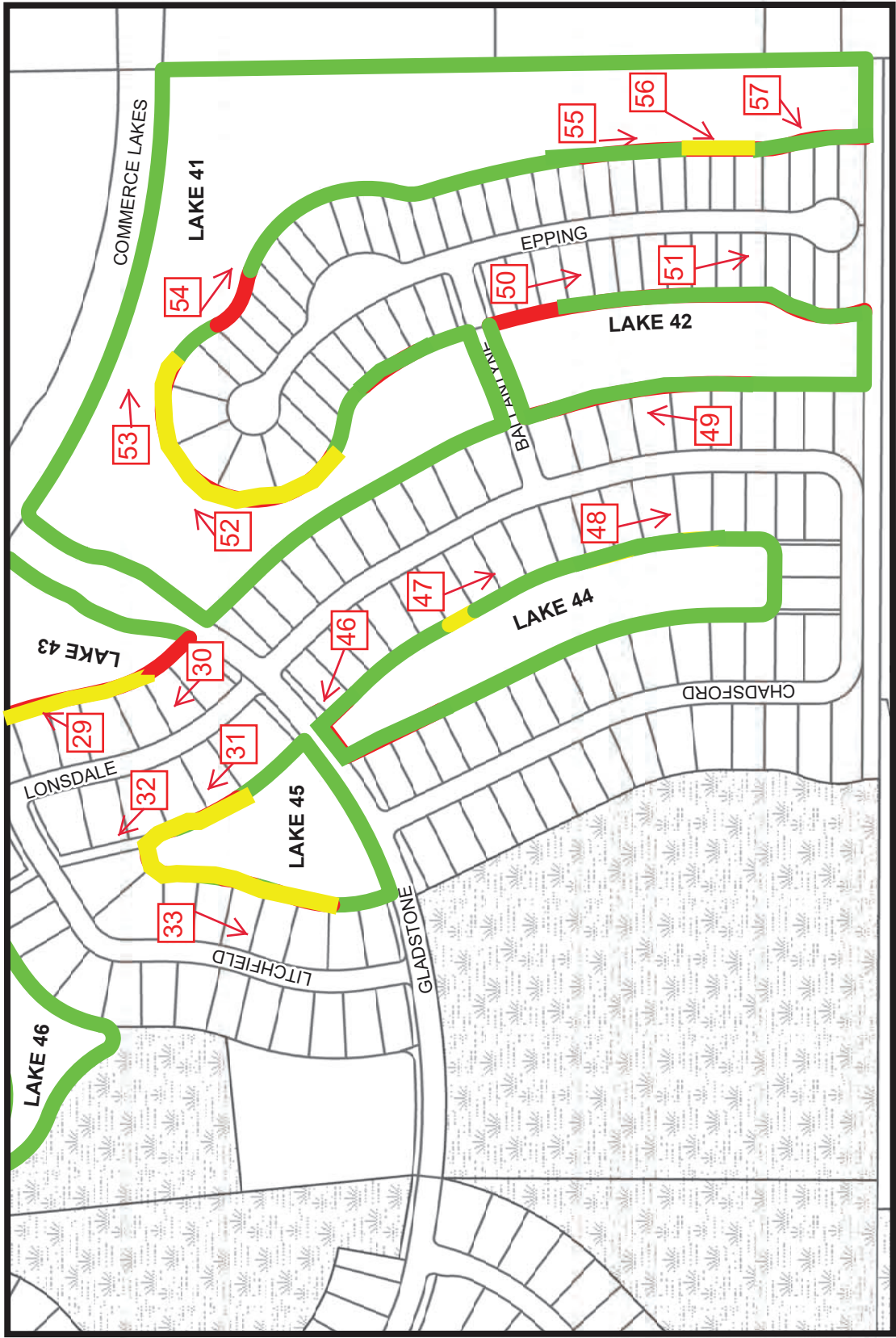
FILE DATE: 5/17/2018

ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION
RESTORATION PLAN 6



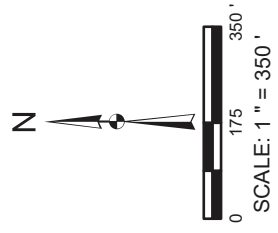
Legend

- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY



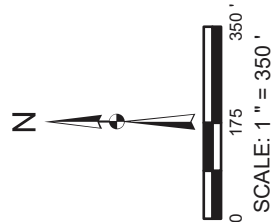
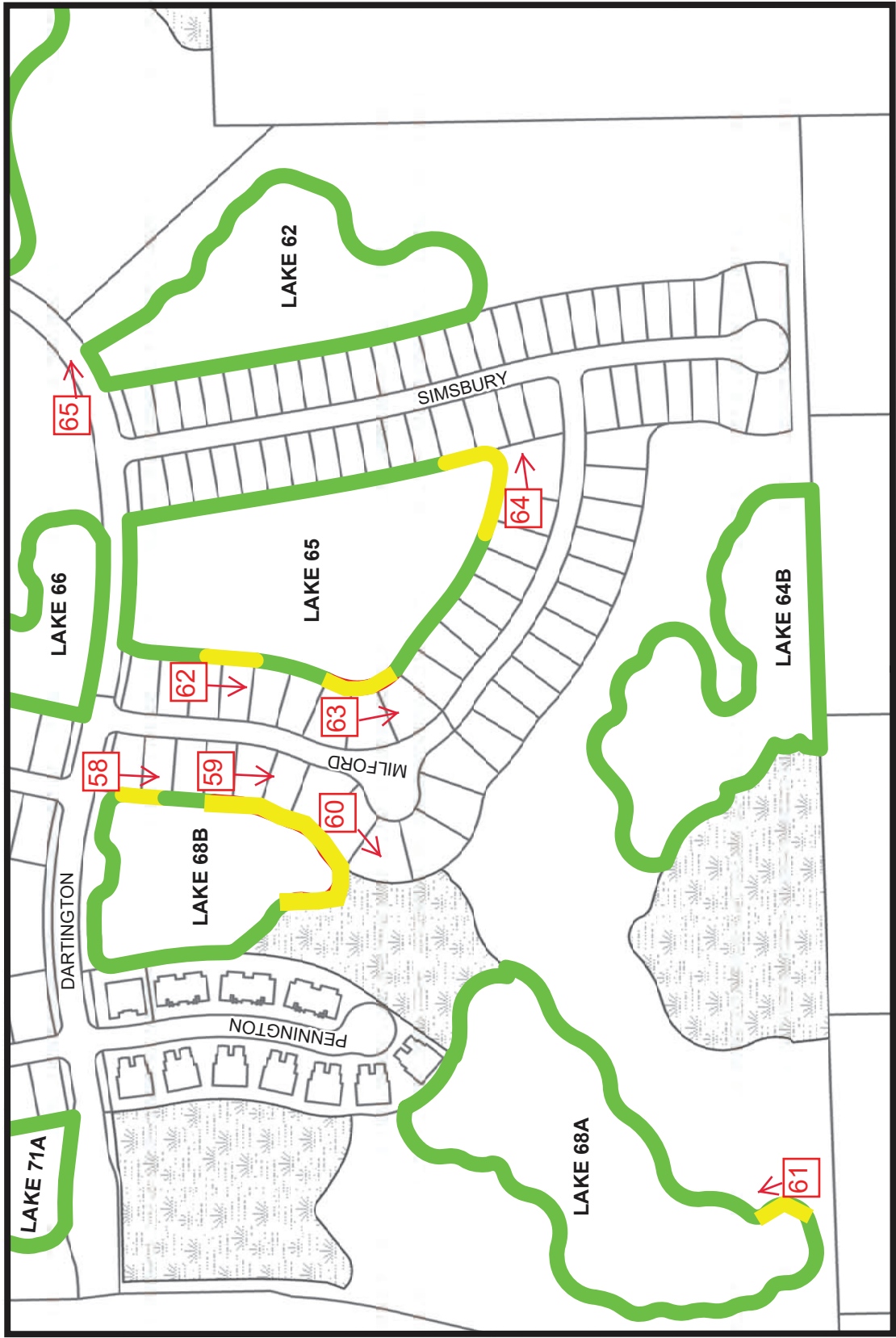
Legend

- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY



FILE DATE: 5/17/2018

ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION
RESTORATION PLAN 8



Legend

- LAKE
- EXTENSIVE EROSION
- MINOR EROSION
- SATISFACTORY

FILE DATE: 5/17/2018

ARBORWOOD CDD
SOMERSET LAKES
2018 LAKE BANK INSPECTION
RESTORATION PLAN 9

EXHIBIT B

LAKE PHOTOS



Photo 1

Satisfactory sod is preventing erosion



Photo 2

Minor erosion at the top of the lake slope



Photo 3
Minor erosion at the top of the lake slope



Photo 4
Minor erosion on the lake slope



Photo 5

Minor erosion on the lake slope

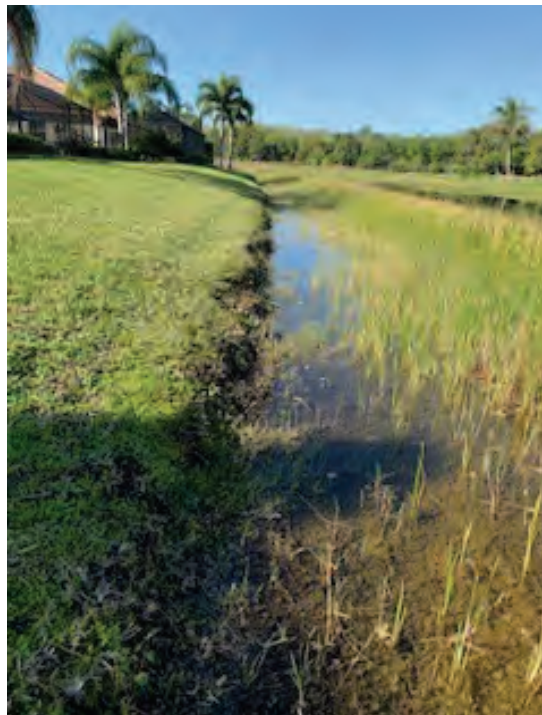


Photo 6

Minor erosion on the lake slope



Photo 7
Minor erosion on the lake slope



Photo 8
Minor erosion on the lake slope



Photo 9
Minor erosion on the lake slope



Photo 10
Minor erosion on the lake slope



Photo 11
Minor erosion on the lake slope



Photo 12
Satisfactory sod is preventing erosion



Photo 13

Satisfactory sod is preventing erosion



Photo 14

Minor erosion on the lake slope

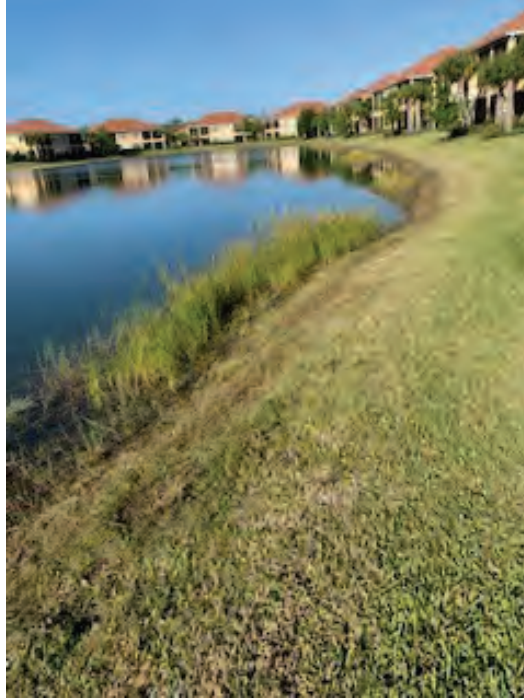


Photo 15

Minor erosion on the lake slope



Photo 16

Minor erosion on the lake slope



Photo 17
Satisfactory sod is preventing erosion



Photo 18
Satisfactory sod is preventing erosion



Photo 19
Minor erosion on the lake slope



Photo 20
Satisfactory sod is preventing erosion



Photo 21
Minor erosion on the lake slope



Photo 22
Satisfactory sod is preventing erosion



Photo 23

Satisfactory sod is preventing erosion



Photo 24

Satisfactory sod is preventing erosion



Photo 25

Satisfactory sod is preventing erosion



Photo 26

Satisfactory sod is preventing erosion



Photo 27

Satisfactory sod is preventing erosion



Photo 28

Minor erosion on the lake slope



Photo 29
Satisfactory sod is preventing erosion



Photo 30
Extensive erosion on the lake slope



Photo 31
Minor erosion on the lake slope



Photo 32
Minor erosion on the lake slope



Photo 33
Minor erosion on the lake slope



Photo 34
Minor erosion on the lake slope



Photo 35
Minor erosion on the lake slope



Photo 36
Minor erosion on the lake slope



Photo 37

Satisfactory sod is preventing erosion



Photo 38

Satisfactory sod is preventing erosion



Photo 39

Satisfactory sod is preventing erosion



Photo 40

Extensive erosion on the lake slope



Photo 41

Satisfactory sod is preventing erosion



Photo 42

Extensive erosion on the lake slope



Photo 43

Satisfactory sod is preventing erosion



Photo 44

Minor erosion on the lake slope



Photo 45

Satisfactory sod is preventing erosion



Photo 46

Satisfactory sod is preventing erosion



Photo 47
Minor erosion on the lake slope



Photo 48
Satisfactory sod is preventing erosion



Photo 49

Satisfactory sod is preventing erosion



Photo 50

Extensive erosion on the lake slope



Photo 51
Satisfactory sod is preventing erosion



Photo 52
Minor erosion on the lake slope



Photo 53
Minor erosion on the lake slope



Photo 54
Extensive erosion on the lake slope



Photo 55

Satisfactory sod is preventing erosion



Photo 56

Minor erosion on the lake slope



Photo 57

Satisfactory sod is preventing erosion



Photo 58

Minor erosion on the lake slope



Photo 59
Extensive erosion on the lake slope



Photo 60
Minor erosion on the lake slope



Photo 61

Minor erosion on the lake slope



Photo 62

Minor erosion on the lake slope



Photo 63

Minor erosion on the lake slope

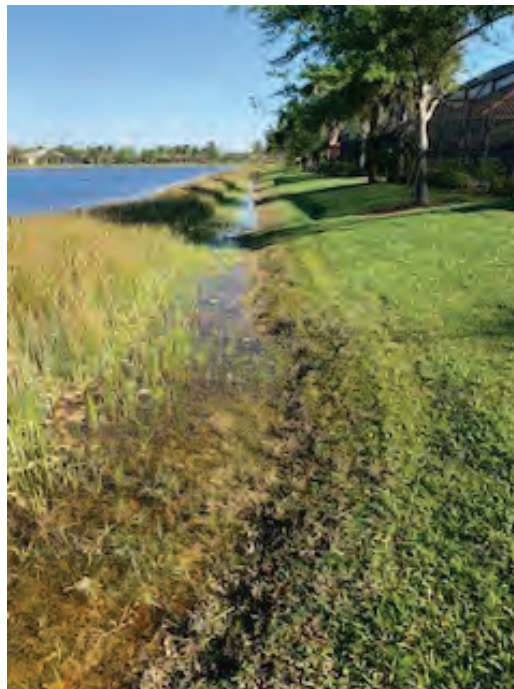


Photo 64

Minor erosion on the lake slope



Photo 65

Satisfactory sod is preventing erosion



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

April 4, 2019

Arborwood CDD
Attn: Kathleen Dailey Meneely
Special District Services, Inc
2501a Burns Road
Palm Beach Gardens, FL 33410

**Subject: Arborwood Preserve- Basin B3
Notice of Inspection
Permit No. 36-04853-P-06; Application No. 141215-18
Lee County, S12/T45S/R25E**

Dear Ms. Meneely:

This letter is to provide notification that a April 3, 2019 preserve inspection and a concurrent review of our files indicate that the above-referenced project is currently in compliance with the special conditions of Environmental Resource Permit Number 36-04853-P-06. The South Florida Water Management District (District) appreciates your efforts to comply with the conditions of this permit.

The District now has the capability of receiving wetland monitoring reports, conservation easements, conversion/transfer forms and other documents electronically via the District's ePermitting website at www.sfwmd.gov/ePermitting. For first-time users, an account will need to be created. Reports can be submitted through eCompliance/Environmental Resource.

If you have any questions or require additional assistance, please contact me at (239) 338-2929 ext. 7713, or via e-mail at jbrosiou@sfwmd.gov, in the Fort Myers Service Center.

Sincerely,

A handwritten signature in black ink that reads "John M Brosious".

Matt Brosious, PWS, Environmental Analyst
Environmental Resource Bureau

Enclosures: Location Map, Deliverables Table

c: Barry Ernst, Lennar Homes (via Email)
Mike Myers, Passarella & Associates, Inc. (via Email)

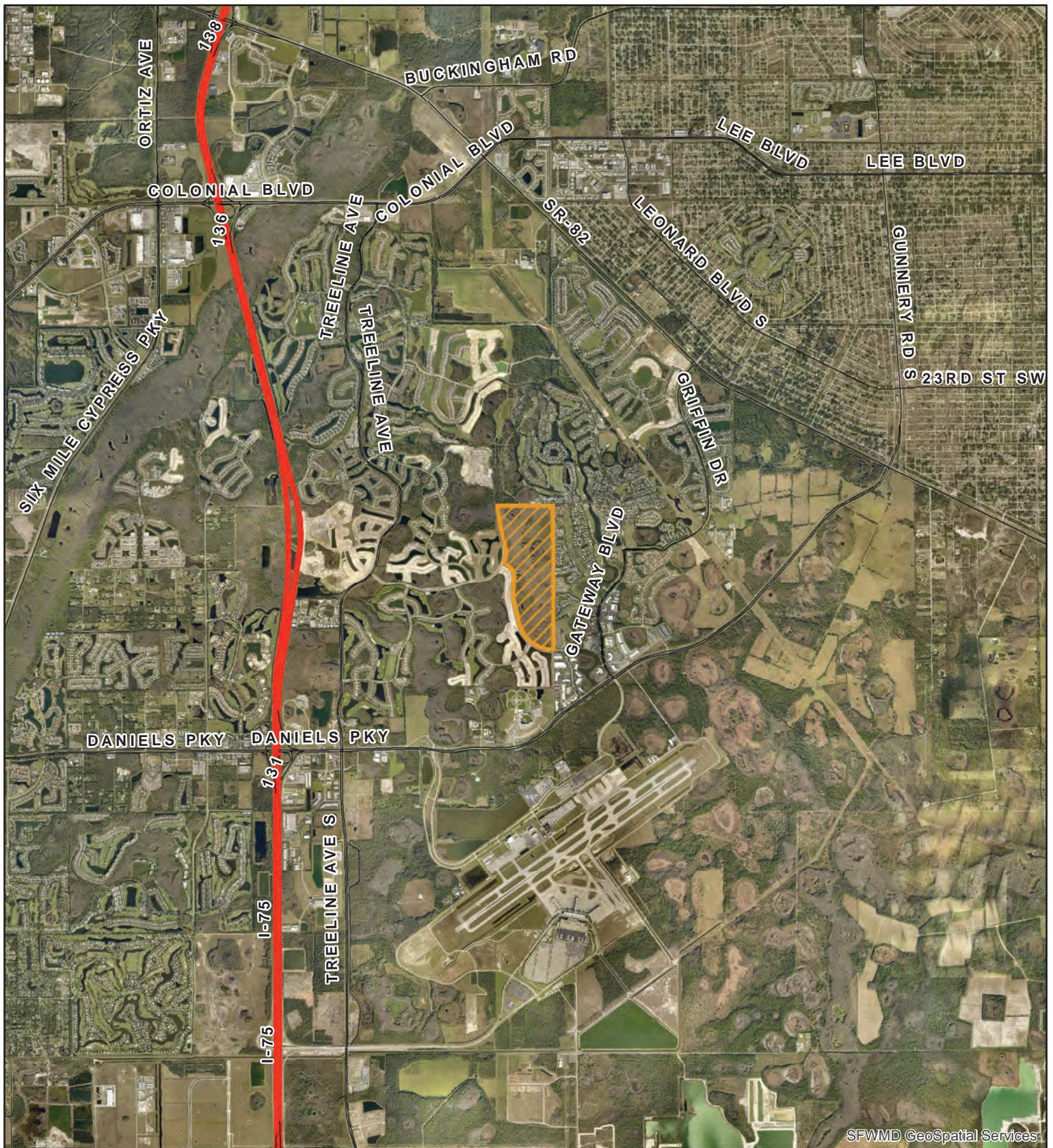








Exhibit No: 1	Exhibit Created On: 2016-08-11	LEE COUNTY, FL	<div data-bbox="987 1747 1250 1789">  Application </div> <div data-bbox="987 1810 1318 1843">Permit No: 36-04853-P-06</div> <div data-bbox="987 1873 1383 1906">Application Number: 141215-18</div> <div data-bbox="1393 1715 1518 1921">  </div> <div data-bbox="987 1927 1068 2037"> Created by  </div> <div data-bbox="1107 1974 1550 2005">South Florida Water Management District</div> <div data-bbox="1286 2005 1432 2047">Page 138</div>
<div data-bbox="341 1810 722 1848">REGULATION DIVISION</div> <div data-bbox="214 1864 852 1932"> Project Name: ARBORWOOD PRESERVE- BASIN B3 </div> <div data-bbox="94 1885 284 2011">  </div> <div data-bbox="321 1974 665 2037"> 0 0.75 1.5  Miles </div> <div data-bbox="836 1906 893 2026"> N  </div>			

South Florida Water Management District
Revised Project Work Schedule

Application No : 141215-18

Page 1 of 1

Project Work Schedule : ARBORWOOD PRESERVE

Activity	Due Date
SUBMIT FOURTH MONITORING REPORT	01-SEP-19
SUBMIT FIFTH MONITORING REPORT	01-SEP-20

Exhibit No : 2

RESOLUTION 2019-02

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE ARBORWOOD COMMUNITY DEVELOPMENT DISTRICT APPROVING PROPOSED BUDGETS FOR FISCAL YEAR 2019/2020 AND SETTING A PUBLIC HEARING THEREON PURSUANT TO FLORIDA LAW; ADDRESSING TRANSMITTAL, POSTING AND PUBLICATION REQUIREMENTS; ADDRESSING SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the District Manager has heretofore prepared and submitted to the Board of Supervisors (“**Board**”) of the Arborwood Community Development District (“**District**”) prior to June 15, 2019, proposed budgets (“**Proposed Budget**”) for the fiscal year beginning October 1, 2019 and ending September 30, 2020 (“**Fiscal Year 2019/2020**”); and

WHEREAS, the Board has considered the Proposed Budget and desires to set the required public hearing thereon.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE ARBORWOOD COMMUNITY DEVELOPMENT DISTRICT:

1. **PROPOSED BUDGET APPROVED.** The Proposed Budget prepared by the District Manager for Fiscal Year 2019/2020 attached hereto as **Exhibit A** is hereby approved as the basis for conducting a public hearing to adopt said Proposed Budget.

2. **SETTING A PUBLIC HEARING.** A public hearing on said approved Proposed Budget is hereby declared and set for the following date, hour and location:

DATE: July 15, 2019

HOOR: 9:00 a.m.

LOCATION: Amenity Center Community at Somerset
at the Plantation
10401 Dartington Drive
Fort Myers, Florida 33913

3. **TRANSMITTAL OF PROPOSED BUDGET TO LOCAL GENERAL PURPOSE GOVERNMENTS.** The District Manager is hereby directed to submit a copy of the Proposed Budget to the City of Fort Myers and Lee County at least 60 days prior to the hearing set above.

4. **POSTING OF PROPOSED BUDGET.** In accordance with Section 189.016, *Florida Statutes*, the District’s Secretary is further directed to post the approved Proposed

Budget on the District's website at least two days before the budget hearing date as set forth in Section 2, and shall remain on the website for at least 45 days.

5. **PUBLICATION OF NOTICE.** Notice of this public hearing shall be published in the manner prescribed in Florida law.

6. **SEVERABILITY.** The invalidity or unenforceability of any one or more provisions of this Resolution shall not affect the validity or enforceability of the remaining portions of this Resolution, or any part thereof.

7. **EFFECTIVE DATE.** This Resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED THIS 15th DAY OF April, 2019.

ATTEST:

**ARBORWOOD COMMUNITY
DEVELOPMENT DISTRICT**

Secretary

By: _____
Its: _____

**FISCAL YEAR 2019/2020
PROPOSED BUDGET**

**TO BE DISTRIBUTED
UNDER SEPARATE COVER**

Arborwood Community Development District
Budget vs. Actual
October 2018 through March 2019

	Oct '18 - Mar 19	FY 18-19 Budget	\$ Over Budget	% of Budget
Revenues				
01-3100 · O & M Assessments (On-Roll)	353,357.45	361,306.00	-7,948.55	97.8%
01-3300 · O & M Assessments (Off-Roll)	0.00	14,589.00	-14,589.00	0.0%
01-3812 · Debt Assessments (2018)	2,578,474.30	2,637,660.00	-59,185.70	97.76%
01-3818 · Debt Assessments (2014A-1)	411,192.10	420,596.00	-9,403.90	97.76%
01-3822 · Debt Assess-Pd To Trustee-2018	-2,474,970.80	-2,552,510.00	77,539.20	96.96%
01-3829 · Debt Asses-Pd To Trustee-2014A1	-394,686.65	-1,278,793.00	884,106.35	30.86%
01-3830 · Assessment Fees	-9,559.90	-10,000.00	440.10	95.6%
01-3831 · Assessment Discounts	-124,633.87	-136,782.00	12,148.13	91.12%
01-3912 · Debt Assessments - Off Roll	0.00	895,377.00	-895,377.00	0.0%
01-9420 · Carryover Balance	0.00	140,000.00	-140,000.00	0.0%
Total Revenues	339,172.63	491,443.00	-152,270.37	69.02%
Expenditures				
01-1130 · Payroll Tax Expense	306.00	912.00	-606.00	33.55%
01-1131 · Supervisor Fees	4,000.00	12,000.00	-8,000.00	33.33%
01-1310 · Engineering	25,757.62	35,000.00	-9,242.38	73.59%
01-1311 · Management Fees	17,720.46	35,441.00	-17,720.54	50.0%
01-1313 · Website Management	750.00	1,500.00	-750.00	50.0%
01-1315 · Legal Fees	4,905.00	38,000.00	-33,095.00	12.91%
01-1318 · Assessment/Tax Roll	0.00	5,000.00	-5,000.00	0.0%
01-1320 · Audit Fees	0.00	5,500.00	-5,500.00	0.0%
01-1330 · Arbitrage Rebate Fee	500.00	3,500.00	-3,000.00	14.29%
01-1332 · Amortization Schedule Fee	0.00	500.00	-500.00	0.0%
01-1450 · Insurance	13,480.00	15,000.00	-1,520.00	89.87%
01-1480 · Legal Advertisements	994.92	5,500.00	-4,505.08	18.09%
01-1512 · Miscellaneous	1,113.48	2,800.00	-1,686.52	39.77%
01-1513 · Postage and Delivery	251.25	1,300.00	-1,048.75	19.33%
01-1514 · Office Supplies	557.90	2,200.00	-1,642.10	25.36%
01-1540 · Dues, License & Subscriptions	175.00	175.00	0.00	100.0%
01-1555 · Trustee Fees	27,174.38	37,000.00	-9,825.62	73.44%
01-1743 · Continuing Disclosure Fee	0.00	5,000.00	-5,000.00	0.0%
01-1811 · Professional Fee & Permits	0.00	2,000.00	-2,000.00	0.0%
01-1814 · Electricity	80.28	1,000.00	-919.72	8.03%
01-1816 · Treeline Preserve Maint-Exotics	5,400.00	4,000.00	1,400.00	135.0%
01-1819 · Environmentl Cnsltng-Passarella	11,299.42	15,000.00	-3,700.58	75.33%
01-1820 · Panther Mitigation Mnt-Exotics	55,568.54	110,000.00	-54,431.46	50.52%
01-1821 · Mitigation Monitoring-Parcel C	0.00	6,200.00	-6,200.00	0.0%
01-1822 · Street Lighting-Utility & Maint	3,594.81	21,000.00	-17,405.19	17.12%

Arborwood Community Development District
Budget vs. Actual
October 2018 through March 2019

	Oct '18 - Mar 19	FY 18-19 Budget	\$ Over Budget	% of Budget
01-1824 · Field Inspector - Somerset Only	11,589.32	28,000.00	-16,410.68	41.39%
01-1825 · Lake Maintenance-Somerset Only	23,034.00	46,100.00	-23,066.00	49.97%
01-1826 · Preserve Maint - Somerset Only	0.00	35,000.00	-35,000.00	0.0%
01-1827 · Flowway Maintenance	0.00	4,600.00	-4,600.00	0.0%
01-1828 · Preserve Maint (Parcel C Only)	0.00	10,800.00	-10,800.00	0.0%
01-1850 · Capital Outlay - Small	0.00	1,000.00	-1,000.00	0.0%
Total Expenditures	208,252.38	491,028.00	-282,775.62	42.41%
Net Revenue	130,920.25	415.00	130,505.25	31,547.05%

Bank Balance As Of 3/31/19	\$ 373,650.51
Accounts Payable As Of 3/31/19	\$ 30,793.00
Other Assets As Of 3/31/19	\$ 4,169.23
Total Fund Balance As Of 3/31/19	\$ 347,026.74