



CITY OF BELLE ISLE, FL

1600 NELA AVENUE, BELLE ISLE, FL 32809 * TEL 407-851-7730

MEMORANDUM

From the Desk of Bob Francis, City Manager

To: Mayor and Council
Date: June 13, 2018
Re: Lake Conway Navigation Board Meeting

NOTE: This memo is to provide information only and is NOT an official record of the Lake Conway Navigation Board Meeting. Please refer to the Lake Conway Navigation Board adopted minutes for the official record.

Synopsis of the June 12, 2018 Lake Conway navigation Board Meeting

1. Under Public Comment: Craig Heringhaus, representing the Highlands HOA, asked about the status of dredging the Willoughby Canal because it is very shallow. The response from the Board was that while the study is still going on, there will be no projects done until the study is completed because any projects could affect the results of the study. After the results of the study are compiled and reviewed, the Board will review and prioritize those projects. The Board is also concerned on how much projects may cost, which will also be part of the review process. The Study is expected to be completed in about a year. The Secretary stated that the water level is down about 2 feet. The Board also stated that there is about 6-8 inches of muck; however Mr. Heringhaus stated that it's more like "waist deep" muck. The board stated that the other problem with the canal is that both the Willoughby and Barby Canals have hard pan which makes dredging difficult. The last time the canal was dredged is approximately 10-12 years ago. David Woods provided information from previous years on the lake.
2. Comments from the Chairman: None; however there was a brief discussion by the Board that there is still an opening on the Board. Ms. Urbanik stated that the process for filling the position is being looked at by the County.
3. EPD Report:
 - a. Aquatic Plant Management Report: Tara Urbanik, Secretary to the Board, went over the quarterly report. She stated that overall the report looks good and that there is a strong variety of native plants in the lake. The report is attached.
 - b. Florida Uniform Waterway Marker Permit: Ms. Urbanik reported to the board that she finalized the bid packet for the replacement of the markers and that the legal team is reviewing it. She also reached out to other entities for possible launch locations and storage of materials.

- c. Lake Cleanup: Ms. Urbanik stated that there will be a lake cleanup event on Sunday, June 17 which will be conducted by Central Florida RECON (non-profit organization). It will be held at Warren Park Canoe Launch starting at 9 AM. The cleanup will be on the south lobe of the lake. City of Belle Isle will post information on its FB page and send out an E-Alert.

Information:

Cleanup hosted by: Central Florida Recon

Date: Sunday, June 17, 2018

Meet time: 9:00 am

Where: Launch at Warren Park Kayak Launch

Address: [3406 Warren Park Road, Orlando](#)

Central Florida Recon will have a few extra kayaks to share but they need to be reserved in advance. Some volunteers will paddle the waters of Lake Conway and fill our bins with trash while others can walk around Warren Park and pick up trash. We have a supply of buckets and trash grabbers for those volunteers who would rather walk and cleanup the park. There is no time requirement. You can volunteer for 30 minutes or two hours. All of our efforts will directly benefit Lake Conway.

- d. Lake Study: Ms. Urbanik stated that the data collection part of the study is expected to be completed by December. Then the consultant will be analyzing the data and developing a draft report for the Board review, which should take a couple months after the completion of data collection.
4. Marine Patrol Report: The Marine Patrol Report for May was presented by OCSO. The report is attached. This report is combined with the BIPD report (attached).
 5. Advisory Member Reports: None
 6. Water Elevation Report: David Woods reported on the lake levels. Mr. Woods also explained that the water temperature is at a level where, according to Mr. Woods, "We are in Amoeba season." You can sign up for Lake Conway reports and important emails at <https://tecengr.yolasite.com/cnb.php>
 7. Non-Agenda Items: None
 8. The meeting adjourned at 7:45 PM.

Attachments

- Nav Board Agenda
- Minutes of 5/8/18 Meeting
- Marine Patrol Report (OCSO and BIPD)
- Quarterly Aquatic Plant Management Report
- Lake level report

LAKE CONWAY WATER AND NAVIGATION CONTROL DISTRICT ADVISORY BOARD REGULAR MEETING AGENDA

June 12, 2018 at 6:30 P.M. at the Orange County Facilities Management Training Room

PLEDGE OF ALLEGIANCE

- I. Call Meeting to Order
- II. Approval of the May Minutes
- III. Public Comment
- IV. Comments of the Chairman
- V. Orange County EPD Report
 - Aquatic Plant Management
- VI. Marine Patrol Report
- VII. Advisory Board Member Report
 - Chairman Ray Vause
 - Vice Chairman Bobby Lance
 - Micky Blackton
 - Gary Meloon
- VIII. Lake Conway Water Elevation Report
- IX. Non- Agenda Items
- X. Meeting Adjourned

WHEN SPEAKING, PLEASE GIVE YOUR NAME AND ADDRESS

Section 286.0105, Florida Statutes states that if a person decides to appeal any decision made by a board, agency, or commission with respect to any matter considered at a meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

In accordance with the Americans with Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodation to participate in this proceeding, then not later than two business days prior to the proceeding, he or she should contact the Orange County Communications Division at (407) 836-3111.

Para mayor información en español, por favor llame al (407) 836-3111.

**Lake Conway Water and Navigation Control District Advisory Board
Regular Meeting
Orange County Facilities Management Training Room
May 8, 2018**

Board Members Present: Rabon Vause (Chairman), Bobby Lance (Vice-Chairman), Micky Blackton and Gary Meloon

Board Members Absent: None

Staff & Guests: Tara Urbanik, Orange County Environmental Protection Division (EPD); Corporal Bim Lowers, Orange County Sheriff's Office (OCSO); Lydia Pisano, Mayor of Belle Isle; Bob Francis, City Manager of Belle Isle; Sergeant Jeremy Millis, City of Belle Isle Police Department

Residents: Frances Guthrie, Cindy Lance, Horton Johnson and David Woods

- I. Call to Order:**

With a quorum present, Rabon (Ray) Vause called the meeting of the Lake Conway Water and Navigation Control District Advisory Board (Advisory Board) to order at 6:29 p.m.
- II. Approval of the April 10, 2018 Meeting Minutes**

Upon a motion by Micky Blackton, seconded by Gary Meloon, and carried with all present members voting AYE by voice vote; the Advisory Board approved the April 10, 2018 meeting minutes as presented.
- III. Public Comment on Propositions before the Advisory Board**

Chairman Vause received one request during the Public Comment period. Resident Cindy Lance requested a revision to her public comment in the March 13, 2018 minutes. The comment was requested to state the intent of her message as "Ms. Lance stated based on the name of Lake Conway Water and Navigation Control District Advisory Board, it seems the Advisory Board should be in control of the lake navigation concerns, and the City of Belle Isle does not own the water or the whole shoreline of the lake, so for the BIPD to be in charge of the whole lake is not suitable, it should be a partnership between the BIPD and the Orange County Sheriff's Office."

Upon a motion by Gary Meloon to amend something previously adopted, seconded by Micky Blackton, and carried with all present members voting AYE by voice vote; the Advisory Board approved the revision to the March 13, 2018 meeting minutes to reflect the intent of Cindy Lance's statement made during that time.
- IV. Comments of the Chairman**

Chairman Vause stated he had a meeting with Commissioner Clarke, the Belle Isle Police Department and EPD to discuss boating and boats for Belle Isle, and discuss supporting them with their need for a boat they can use for patrol, and potentially a pontoon boat for patrol. Chairman Vause added this will be something the Advisory Board will discuss and need to figure out how to work with Belle Isle to support them, but there is a long way to go.
- V. Orange County EPD Report**

Project Prioritization

Ms. Urbanik handed out the Lake Conway Water and Navigation Control District prioritization results of the projects supported by the taxing district. The highest priority is Water Quality Best Management Practices; the 2nd highest is the Hydrologic/Nutrient Studies and Water Quality Project Recommendations; the 3rd highest is Aquatic Plant Management and Canal Maintenance; the 4th highest is Uniform Waterway Markers; the 5th highest is Off-Duty Patrol Services; and the 6th highest is Public Education/Public Engagement. Ms. Urbanik stated the County Lake Management Section is requesting each lake advisory board conduct the same exercise to ensure their allocation of funding is consistent with each advisory board's goals, and that she is pleased the Advisory Board's ranking is similar to EPD's mission. Chairman Vause stated when he started with the Advisory Board, he remembers water quality concerns was the main focus of the Advisory Board projects, with the intent to keep pollutants out of the lake, rather than conducting projects in the lake to remove pollutants.

Upon a motion by Gary Meloon, seconded by Bobby Lance, and carried with all present members voting AYE by voice vote; the Advisory Board approved the Lake Conway Water and Navigation Control District Project Prioritization as presented.

Florida Uniform Waterway Marker Permit

Ms. Urbanik provided an update on the Florida Uniform Waterway Marker Permit. Based on a recent inspection of the uniform waterway markers, the Florida Fish and Wildlife Conservation Commission (FWC) has requested reflective improvements to the existing navigation markers.

VI. Marine Patrol Report

Corporal Lowers presented the off-duty patrol report and reiterated boating activity is dependent on the weather, and the activity level has been increasing. Most of the citations have been related to jet-ski activity.

VII. Advisory Board Member Report

- Chairman Ray Vause: No comment
- Vice Chairman Bobby Lance: Mr. Lance stated resident Rick Miller requested information on dredging the Hoffner Canal, however, Mr. Lance provided him information on the ongoing stormwater study and that the Advisory Board is waiting on project recommendations.
- Micky Blackton: No comment
- Gary Meloon: No comment

VIII. Lake Conway Water Elevation Report

David Woods presented his Water Elevation report.

IX. Non-Agenda Items

None discussed.

X. Meeting Adjourned

Chairman Vause adjourned the meeting at 7:13 p.m.

Rabon Vause, Chairman

Date

Minutes prepared by Tara Urbanik

Date



Lake Conway Marine Patrol Report



May-18

Orange County Sheriff's Office & Belle Isle Police Department

Dates	OC		CS		BIPD		OC		CS		OC		CS		OC		CS		BIPD		Memorial Weekend			Total
	3	4	5	6	6	6	11	11	12	12	13	13	13	17	18	19	20	23	26	27	26	27	28	

Arrests

Felony																								0
Misdemeanor																								0
Warrant Arrests																								0

Productivity

Field Intelligence Reports																								0
Dispatched Calls for Service								2	2															4
Reports Written								1	1															1
Vessel Accidents								1	1															1
Vessel Stops	4	2	12	7	4	4	1	4	7	6	1													157
Boating Citations Issued			3	2				3	1															27
Boating Warnings Issued	4	2	8	4	4	4	1	1	2	2	1												110	
Vessel Inspections	2	2	5	7	7	1	3	7	6														99	
Ramp Checks	4	2	1	4	3	4	3	4	5	8	8	5	2	3	1	4	4						104	
Patrol Assists/Back-Ups									1	2						1								20
Hours Worked	2	2	8	8	5	4	5	4	5	8.5	8	5	2	2	8	8	4	5	5				89.5	

Comments: (05/12) Wakeboarding accident. Skier fell while learning to ski and broke his leg. (05/12) Vessel almost sunk at Randolph Ramp while owner went to get keys. We assisted loading vessel and pulled the trailer out before any fuel leaked into the lake.

Total stats include the 3 day Memorial Weekend (05/26-28) which OCSO patrolled with 2-3 vessels each day on duty and issued 16 citations.



Belle Isle Police Department

1521 NELA AVENUE
 BELLE ISLE, FL 32809
 PHONE (407) 240-2473
 FAX (407) 850-1616

Marine Stat Sheet

<i>Date(s)</i>	May Overall				
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<u>Patrol Activity</u>						<i>Totals</i>
Boat Stops						41
Citations Issued						1
Warnings Issued						17
Boat Inspections						23
Boats Towed						0
Dispatched Calls						4
Reports Written						0
Vessel Accidents						0
Ramp Checks						32
FIR's						0
Patrol Assists						3

<u>Arrests</u>						
Felony						0
Misdemeanor						0
BUI						0

<u>Comments</u>	
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Aquatic Plant Management Field Data Form

Date(s): <u>05/04/18</u>	Lake: <u>Conway NW</u>	FWC Lake (Y/N): <u>Y</u>
Surface Acres: <u>375</u>	Surveyor(s): <u>G Jacobs</u>	Grass Carp (Y/N): <u>Y</u>

Field Observations (General Description of Findings):

Vel & PW around majority of the perimeter. Hydrilla at Randolph ramp and dock north of ramp

Mandalay Canal needs treated for hydrilla and Hygrophylla - center of canal 2.5-3.5'

Water levels dropping -

Vis - 8'

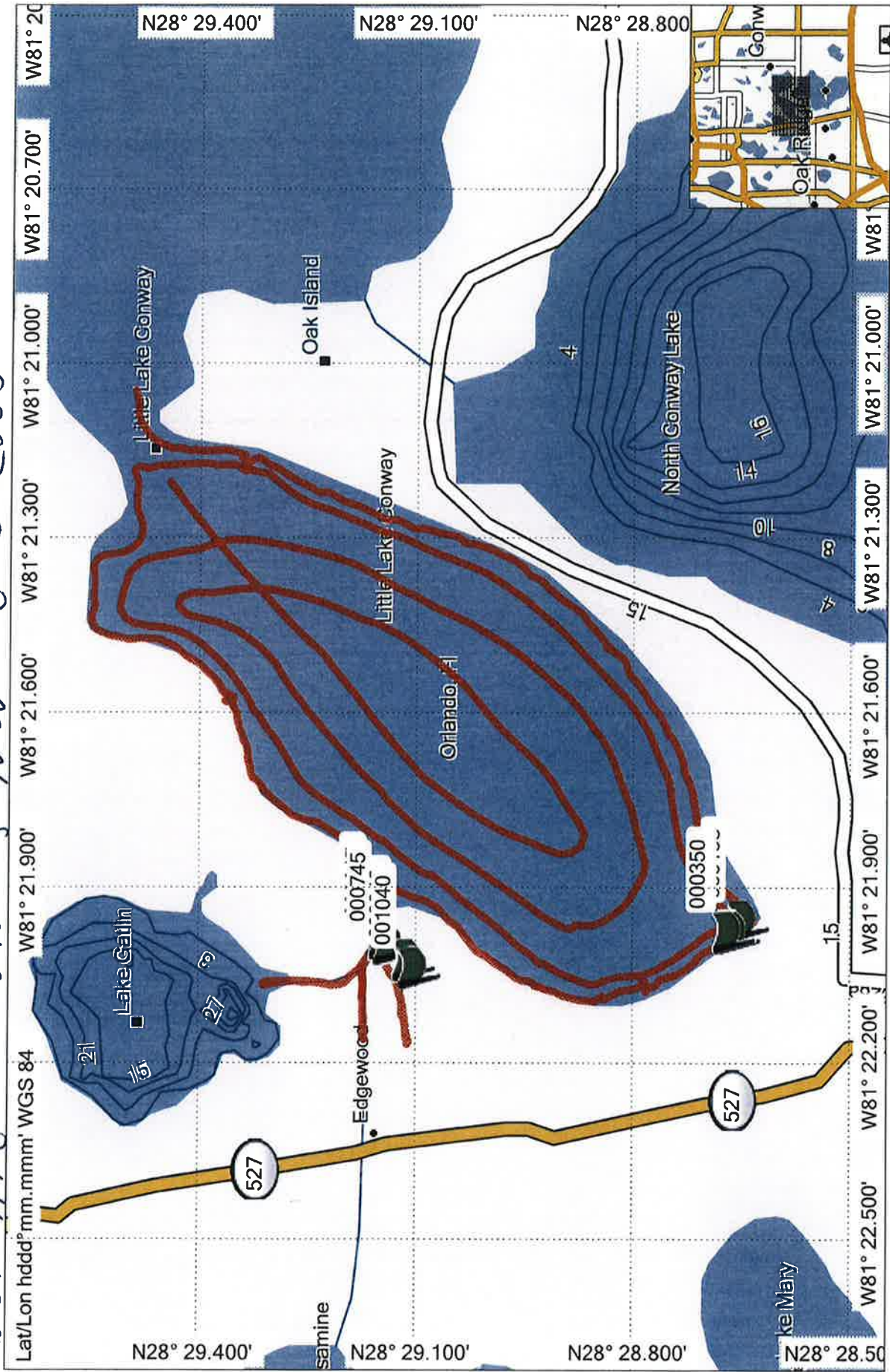
Temp - 75-8'

Hydrilla Survey Results

Waypoint(s)	Depth (ft)	Hydrilla Density* (1, 2, 3)	Other Submerged Aquatic Vegetation (SAV) in Sample	Spot Treat (X)	Treat as Block (X)
<u>001</u>	<u>3</u>	<u>2</u>	<u>Vel</u>	<u>X</u>	
<u>002-003</u>	<u>2</u>	<u>3</u>	<u>Vel</u>	<u>X</u>	
<u>004-010</u>	<u>2</u>	<u>1-5 2</u>	<u>Hygrophylla</u>		<u>X</u>

Canal

05/04/18 Conway NW G Jacobs



US Inland Lakes 2010
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MN TN
-56°
1/1/2010

20180504_ConwayNW_Survey_GJ



Aquatic Plant Management Field Data Form

Date(s): <u>05/07/18</u>	Lake: <u>Conway NE</u>	FWC Lake (Y/N): <u>Y</u>
Surface Acres: <u>332</u>	Surveyor(s): <u>G Jacobs</u>	Grass Carp (Y/N): <u>Y</u>

Field Observations (General Description of Findings): Hoffner
Hydrilla observed in Venetian Canal south of bridge. Cabomba and water hyacinth North of bridge. Hydrilla also observed at outfall next to ramp SE side of NW Lake.

V/L & pondweed observed around majority of perimeter and dense in many areas but not causing open water navigation issues.

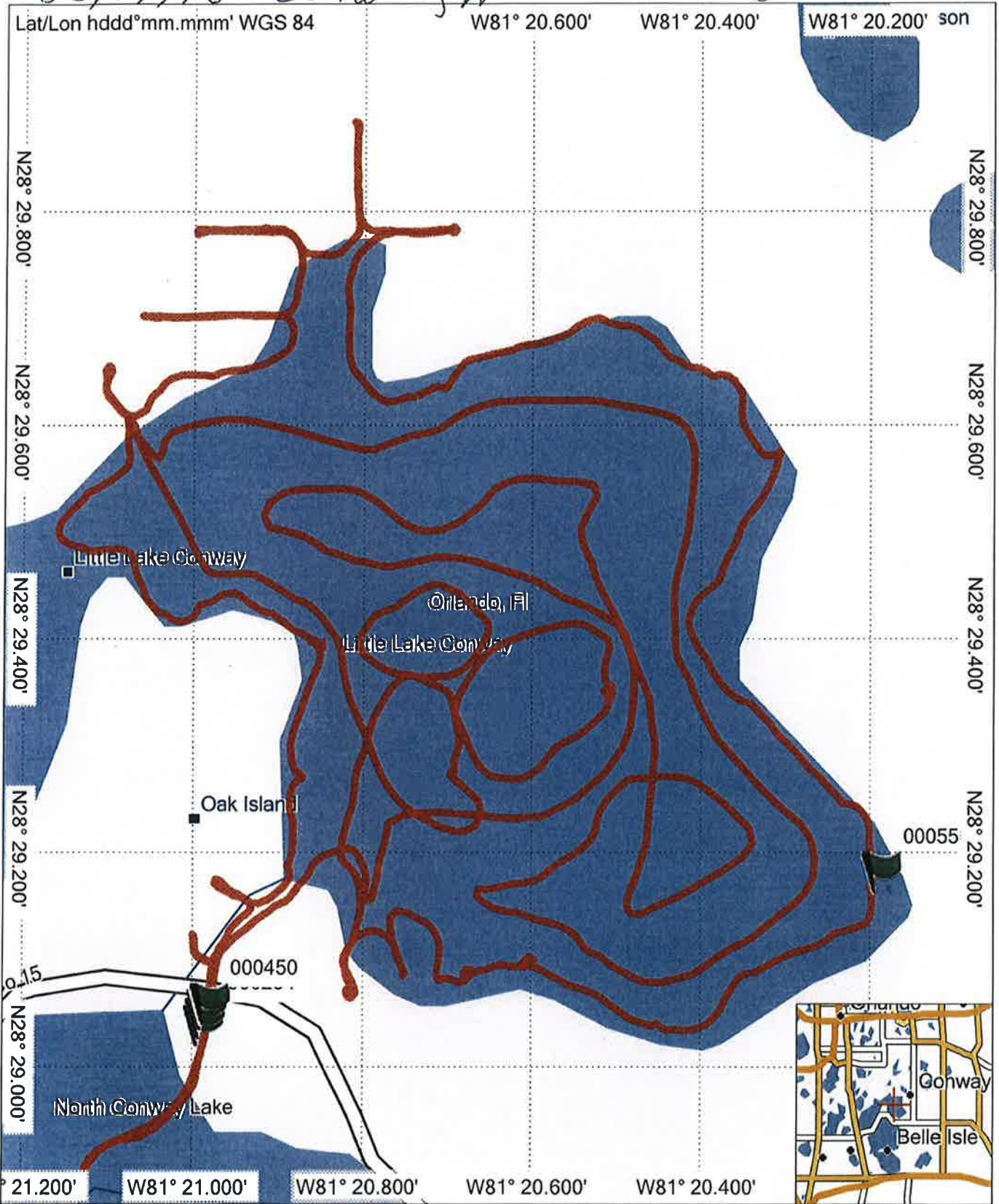
Water hyacinths observe around island.

Hydrilla Survey Results

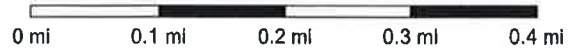
Waypoint(s)	Depth (ft)	Hydrilla Density* (1, 2, 3)	Other Submerged Aquatic Vegetation (SAV) in Sample	Spot Treat (X)	Treat as Block (X)
<u>001-004</u>	<u>1.5</u>	<u>1</u>	<u>V/L, PW</u>		<u>X</u>
<u>005</u>	<u>1.0</u>	<u>2</u>	<u>V/L, PW</u>	<u>X</u>	<u>Ramp/outfall</u>

canal
Ramp/outfall

05/07/18 Conway NE G Jacobs



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20180507_ConwayNE_Survey_GJ

GARMIN.



Aquatic Plant Management Field Data Form

Date(s): <u>5-1-18</u>	Lake: <u>Carway (South) / ^{Shoreline} Min</u>	FWC Lake (Y/N):
Surface Acres:	Surveyor(s): <u>G. Jacobs</u> <u>W. Wheeler</u>	Grass Carp (Y/N):

Field Observations (General Description of Findings): 9:00 4.5 E: 12:30

Weather: Partly Cloudy winds (PM) calm vk: 2-4'

T: 13, 70.4 B: 28, 60.1

Note: (1) Water Temp 74°F
(2) Water Levels dropping rapidly now!

PW & VL around majority of shoreline
in South & mid lobes. Not causing
navigation issues in open water?

Hydrilla Survey Results

Waypoint(s)	Depth (ft)	Hydrilla Density* (1, 2, 3)	Other Submerged Aquatic Vegetation (SAV) in Sample	Spot Treat (X)	Treat as Block (X)
<u>0001</u>	<u>-1'</u>	<u>1</u>	<u>L. Nitella, D. Sp., Val.</u>	<u>X</u>	<u>(carpeted in shallow)</u>
<u>0002</u>	<u>-2'</u>	<u>1</u>	<u>"</u>	<u>X</u>	<u>(" @ culvert)</u>

Aquatic Plant Management Field Data Form

Date(s): <i>05/02/18</i>	Lake: <i>Conway south/mid deep</i>	FWC Lake (Y/N): <i>X</i>
Surface Acres:	Surveyor(s): <i>G Jacobs</i>	Grass Carp (Y/N): <i>Y</i>

Field Observations (General Description of Findings):

Deepwater in mid/south lobe mixture of E₂ Nitella, Pondweed and Vall-

Observed a few areas of spotty hydrilla mixed in native vegetation but not dense enough to treat at this time.

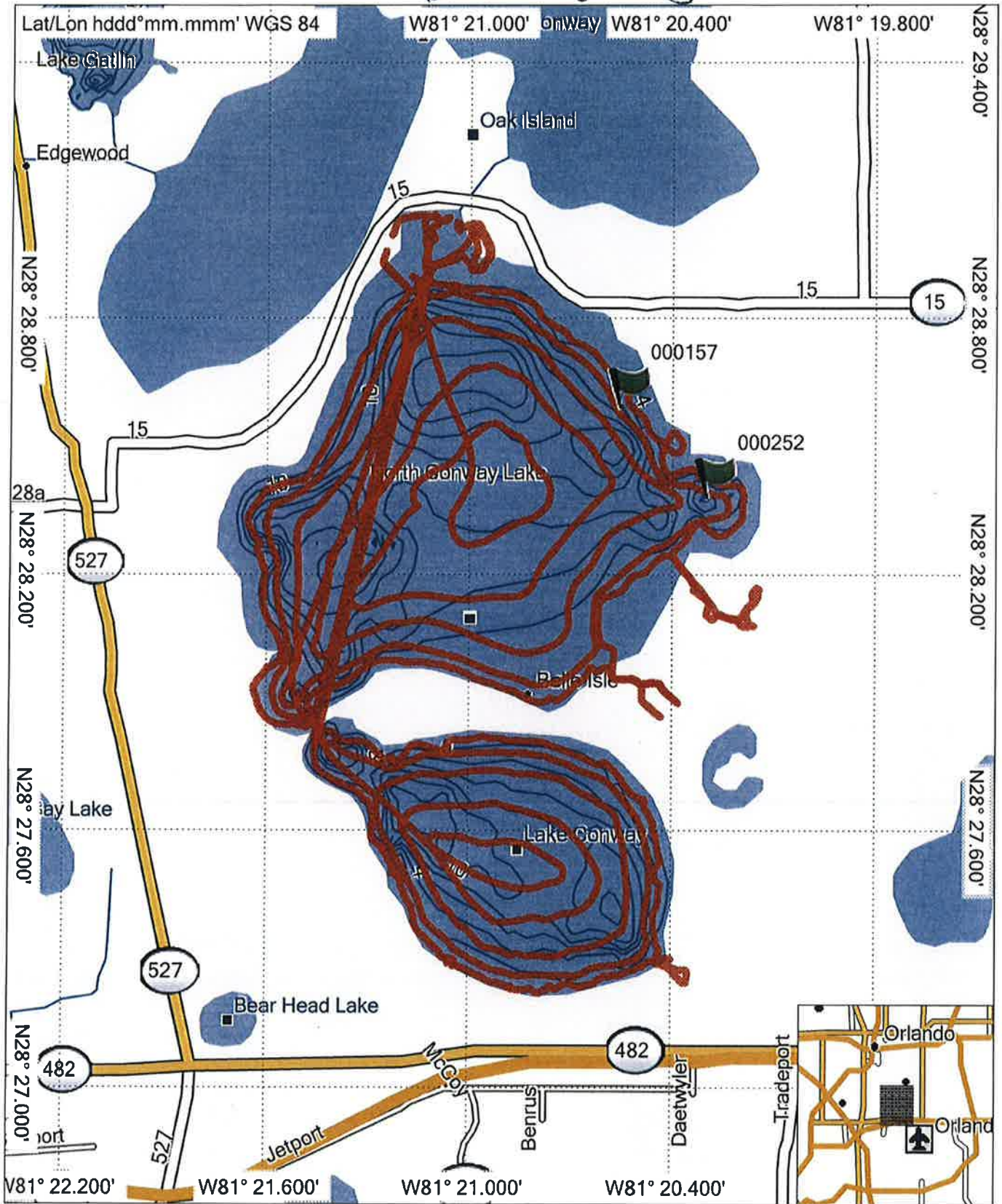
Hydrilla Survey Results					
Waypoint(s)	Depth (ft)	Hydrilla Density* (1, 2, 3)	Other Submerged Aquatic Vegetation (SAV) in Sample	Spot Treat (X)	Treat as Block (X)

Wed 7:10 - 10:30

NE 10-12

05/01/18 GS/WW

05/02/18 GS



20180501_0502_Conway_Mid_South_Survey

Conway South/mid

GARMIN.

Lake Conway 2018 Elevations (NAVD 88)

Provided as a public service by TEC Engineering, Inc. Find more and sign up to get these monthly reports at: <https://TECEngr.yolasite.com/cnb.php>

5/31/18
Elev 84.38
Stage 37%

