



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: August 10, 2021
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 August 10, 2021 Lake Conway Navigation Board Meeting

1. Public Comment: None
2. Comments from the Chairman: None
3. Marine Patrol Report: Reports of OCSO and BIPD are attached. Orange County Marine Officer Lowers gave the report for Orange County only. He stated that BIPD will provide their report. CPL Bowers also expressed his concern that over the past months, there seems to be a feeling of marine patrol being a competition and not a healthy one. SGT Millis and Chief Houston, BIPD, both stated that it is not a competition, but BIPD wants to accurately show and let the Board know that BIPD uses all of on duty hours and they are justified for asking for more hours from the Nav Board. There was discussion on whether or not PWC should be lumped in with all vessels. CPL Bowers stated that the directive to lump them all together was given to him by the former Marine Patrol Sergeant. Chief Houston stated that they will keep separate statistics on PWCs versus other vessels. SGT Millis provided a report to the Nav Board on how the additional Nav Board hours will be spent.
4. Water Elevation Report: The chart is attached.
5. EPD Report:
 - a. Lake Gatlin Alum Treatment: Ms. Urbanik stated the next treatment will occur in September or October
 - b. Canal Sediment Analysis Update: Ms. Urbanik stated that the study was ongoing, but she could see the draft report by next week.

- c. Lake Conway Stormwater Study Project Update: Ms. Urbanik there was no update and that the County and City are still moving forward with joint projects approved by the Nav Board. (Project list is attached)
 - d. Lake Cleanup: Ms. Urbanik stated that the Lake Cleanup is scheduled for Saturday August 14th starting at 5:00 PM. The cleanup efforts will focus on Turtle Cove and the property formerly known as the Rope Swing. She thanked the City of Belle Isle for the flyer that was made for the event. The City of Belle Isle is providing parking passes for volunteers to launch from Venetian Ramp and the City's waste hauler, JJs Waste and Recycling, is donating a dumpster for the trash. The event could be postponed due to TS Fred. They will make the call on the day of the event.
 - e. Approval of Routine Annual Services: Ms. Urbanik provided information on the routine services for FY21-22. The list is attached. There was discussion regarding street sweeping services and contract management of those services. There was also discussion regarding the request of private HOAs to have their streets swept. Ms. Urbanik stated that the Orange County Attorney's Office (OCAO) to conduct a determination on this possibility and the OCAO stated that in order to sweep private streets within the MSTU, Orange County would need to enter into an agreement with the HOA with jurisdiction over the private streets. The agreement would be similar to the agreement that OC entered into with Belle Isle for sweeping public streets. If this was to move forward, there would be a required HOA/County agreement, and the proposal would need to be discussed during a Nav Board meeting, as well as with EPD management to determine any restrictions or limitations of the current street sweeping contract. At the conclusion of the discussion, the Nav Board voted unanimously to approve the list of routine services.
6. Advisory Member Reports: No reports were rendered by Board members.
 7. Non-Agenda Items: None
 8. The meeting adjourned at 7:30 PM.

Attachments

- Nav Board Agenda
- Minutes of July 13, 2021 Meeting
- BIPD & OCSO Marine Reports
- Lake Report (Chart)
- Projects List
- Routine Services List

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

August 10, 2021 at 6:30 P.M. at the Orange County Facilities Management
Training Room, & via Webex

PLEDGE OF ALLEGIANCE

- I. Call Meeting to Order
- II. Approval of the Minutes
- III. Public Comment
- IV. Comments of the Chairman
- V. Marine Patrol Report
- VI. Lake Conway Water Elevation Report
- VII. Orange County EPD Report
 - Lake Gatlin Alum Treatment Update
 - Canal Sedimentation Analysis Update
 - Lake Conway Stormwater Study Project Update
 - Lake Cleanup
 - Approval of Annual Routine Services
- VIII. Advisory Board Member Report
 - Chair Dr. Elizabeth Nelson
 - Vice Chair Frances Guthrie
 - Bobby Lance
 - Micky Blackton
 - John Evertsen
- 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
July 13, 2021 at 6:30 p.m.
Orange County Facilities Management Training Room and Webex**

Board Members Present: Dr. Elizabeth Nelson (Chair), Frances Guthrie (Vice Chair)
Bobby Lance, Micky Blackton, and John Evertsen

Board Members Absent: None

Staff & Guests: Tara Urbanik, Orange County Environmental Protection Division (EPD); Captain Bruce McMullen and Corporal Bim Lowers, Orange County Sheriff's Office (OCSO); City Manager Bob Francis, City of Belle Isle (City); Chief Laura Houston and Sergeant Jeremy Millis, Belle Isle Police Department (BIPD)

Residents: Woody Johnson, Randy Holihan*, Cindy Lance, John Hermann, Sara Dilmore

*Denotes attended via Webex

I. Call to Order

With a quorum present, Dr. Elizabeth Nelson called the meeting of the Lake Conway Water and Navigation Control District Advisory Board (Advisory Board) to order at 6:33 p.m.

II. Approval of the June 8, 2021 Meeting Minutes

Upon a motion by Bobby Lance, seconded by Frances Guthrie, and carried with all present members voting AYE by voice vote; the Advisory Board approved the June 8, 2021 meeting minutes.

III. Public Comment on Propositions before the Advisory Board

Chair Dr. Nelson received two public comment requests. Sara Dilmore, a resident on the Barby Lane canal, expressed her interest on the possible maintenance dredging of the Barby and Willoughby canals. Alan Horn, a resident on Lake Gatlin, submitted an email to Ms. Urbanik for public comment. Mr. Horn expressed a concern with the noticing process for the June Advisory Board meeting regarding the request to increase the quantity of off-duty patrol hours to the Belle Isle Police Department (BIPD), and an overall concern with the Conway taxing district funding excess lake patrol enforcement.

IV. Comments of the Chair

Chair Dr. Nelson thanked the individuals who were involved with the Lake Gatlin alum application project. She has received positive comments on the lake's water clarity.

V. Marine Patrol Report

Corporal Lowers presented the marine patrol report. For the month of June 2021, the following activities were reported:

- 4 dispatched calls for service
- 729 vessels observed on the lake
- 75 vessel stops
- 26 vessel citations
- 46 vessel warnings
- 29 vessel inspections
- 61 ramp checks
- 1 patrol assist/back up

BIPD Off-Duty Patrol Hours Increase Request

The BIPD request for an increase of an additional 200 hours of off-duty patrol was brought back to the Advisory Board. Discussion ensued. The Advisory Board requested if the OCSO can temporarily document how many on-duty hours are spent patrolling the Conway Chain. Captain Mullens (OCSO) and Chief Houston (BIPD) stated both their agencies can report the on-duty and off-duty patrol hours on the Conway Chain.

Upon a motion by John Evertsen, seconded by Bobby Lance, and carried with four members voting AYE, and Micky Blackton voting NAY by voice vote; the Advisory Board approved increasing the BIPD off-duty patrol by 200 hours from July 2021 to December 2021, and to reassess the patrol hours after December 31, 2021.

VI. Lake Conway Water Elevation Report

David Wood's water elevation report was not presented.

VII. Orange County EPD Report

Lake Gatlin Alum Treatment Update

The second alum treatment occurred on June 28 and 30, 2021. Ms. Urbanik shared photos of the lake after the application. There will be two additional applications, for a total of four.

Canal Sedimentation Analysis Scope Update

The draft report is in its final stages of review and will be shared as soon as possible.

Lake Conway Stormwater Study Project Update

1. Underground up-flow filter at East Wallace Street: This project may be of interest to Orange County Public Works if there are proposed drainage improvements in this area. The City of Belle Isle is actively working on stormwater improvement engineering plans for Wallace Street and Matchett Road and will share them with the County for a possible partnership.

Upon a motion by Chair Dr. Elizabeth Nelson, seconded by Micky Blackton, and carried with all members voting AYE by voice vote; the Advisory Board approved the County to research a possible partnership with Orange County Public Works for a

combined water quality and drainage improvement project on Wallace Street and Matchett Road.

2. Baffle box at Barby Lane: Mr. Francis will look into an update on the proposed plans for this location.
3. Delia Beach stormwater improvements: The Lake Conway taxing district cost share of \$94,020.00 was reimbursed to the City of Belle Isle.
4. Pet waste stations at City lakefront parks: The Lake Conway taxing district cost share of \$3,500.00 was reimbursed to the City of Belle Isle.

Street Sweeping Optimization Study Scope

The Advisory Board did not express an interest in moving forward with the scope, however, are interested in EPD re-assessing the street sweeping route to ensure the maximum number of roads are swept. Mr. Evertsen stated the current street sweepers continually leave trash and sediment after the sweepers travel the road, and do not sweep the center of the road, curb to curb, as the contract language requires.

Lake Cleanup

Central Florida RECON confirmed a lake cleanup in the cove south of Hoffner Road. This cleanup is planned for August 14, 2021 from 5:00 PM to 7 PM, meeting at the Venetian boat ramp.

VIII. Advisory Board Member Report

- Chair Dr. Elizabeth Nelson: No comments.
- Vice Chair Frances Guthrie: No comments.
- Bobby Lance: Mr. Lance shared a drainage survey of the Lake Conway area from 1948. Mr. Lance also discussed the harmful algal bloom on Lake Anderson and questioned if the bloom can travel downstream to the Conway Chain. Additionally, an alligator was recently removed from the Conway Chain.
- Micky Blackton: No comments.
- John Evertsen: No comments.

IX. Non-Agenda Items

No additional questions or comments were noted in the Webex chat during the request for Non-Agenda Items.

Discussion provided from chat feature in Webex meeting:

- From Tara Urbanik to everyone: Can you hear us?
- From Tara Urbanik to everyone: We will begin momentarily, thank you!

- From Randy Holihan to everyone: You are muted.
- From Tara Urbanik to everyone: Thank you!
- From Randy Holihan to everyone: Thank you, Tara.
- From Tara Urbanik to everyone: Thank you!

X. Meeting Adjourned

Chair Dr. Nelson adjourned the meeting at 8:05 p.m.

Elizabeth Nelson, Chair

Date

Minutes prepared by Tara Urbanik

Date



Belle Isle Police Department

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

BIPD Funded Marine Stat Sheet

Date(s)	5-Jul	10-Jul	11-Jul	17-Jul	18-Jul	24-Jul	25-Jul		
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Patrol/Activity										Totals
	5-Jul	10-Jul	11-Jul	17-Jul	18-Jul	24-Jul	25-Jul			
Vessels Observed	35	20	12	60	45	50	45			267
Boat Stops	0	0	0	3	1	2	1			7
PWC Stops	4	2	0	10	12	2	6			36
Boat Citations	0	0	0	2	0	1	0			3
PWC Citations	4	2	0	9	11	1	6			33
Warnings Issued	0	0	1	3	1	1	1			7
Noise Ordinance NOV	0	0	0	0	0	0	0			0
Boat Inspections	0	0	0	0	0	0	0			0
Boats Towed	1	0	0	0	0	2	1			4
Dispatched Calls	2	1	1	1	1	1	1			8
Reports Written	0	0	0	0	0	0	0			0
Vessel Accidents	0	0	0	0	0	0	0			0
Ramp Checks	6	6	8	4	5	14	7			50
FIR's	0	0	0	0	0	0	0			0
Patrol Assists	1	1	0	1	0	0	0			3
Arrests										
Felony	0	0	0	0	0	0	0			0
Misdemeanor	0	0	0	0	0	0	0			0
BUI	0	0	0	0	0	0	0			0
Hours Worked	12	12	12	12	12	22	12			94



Belle Isle Police Department

August 10, 2021

Memorandum:

TO: Lake Conway Water and Navigation Control District Advisory Board

FROM: Sergeant Jeremy Millis

RE: Request for Additional Off-Duty NAV Patrol Hours

Due to the significant increase in citizen complaints about the reckless operation of vessels, PWC's operating after dark, noise complaints at the Sandbar, and duck hunting, the Belle Isle Police Department have increased law enforcement presence on the Conway Chain of Lakes. The Belle Isle Police Department is paying certified marine officers, at an overtime rate, to cover lake patrols on Saturdays. The additional hours will allow for adequate marine patrol coverage throughout the entire weekend, weather/activity on the water permitting.

During the 2020 calendar year, BIPD wrote 162 Uniform Boating Citations. From January 1, 2021, to current, BIPD has written 322 Uniform Boating Citations. With two months left for the typical busy season on Lake Conway, BIPD has already doubled the number of written Uniform Boating Citations. The increase in hours will be utilized as follows:

Ten hours every Sunday from March – September = 30 Sundays totaling	300 hrs.
Eight hours every Saturday from March – September = 30 Saturdays totaling	240 hrs.
Ten hours for each boat light parade in December = 3 days totaling	30 hrs.
Ten hours for each non-weekend holiday from March – September = 3 days totaling	30 hrs.

The hours are a forecast and subject to change due to weather and activity on the lakes.

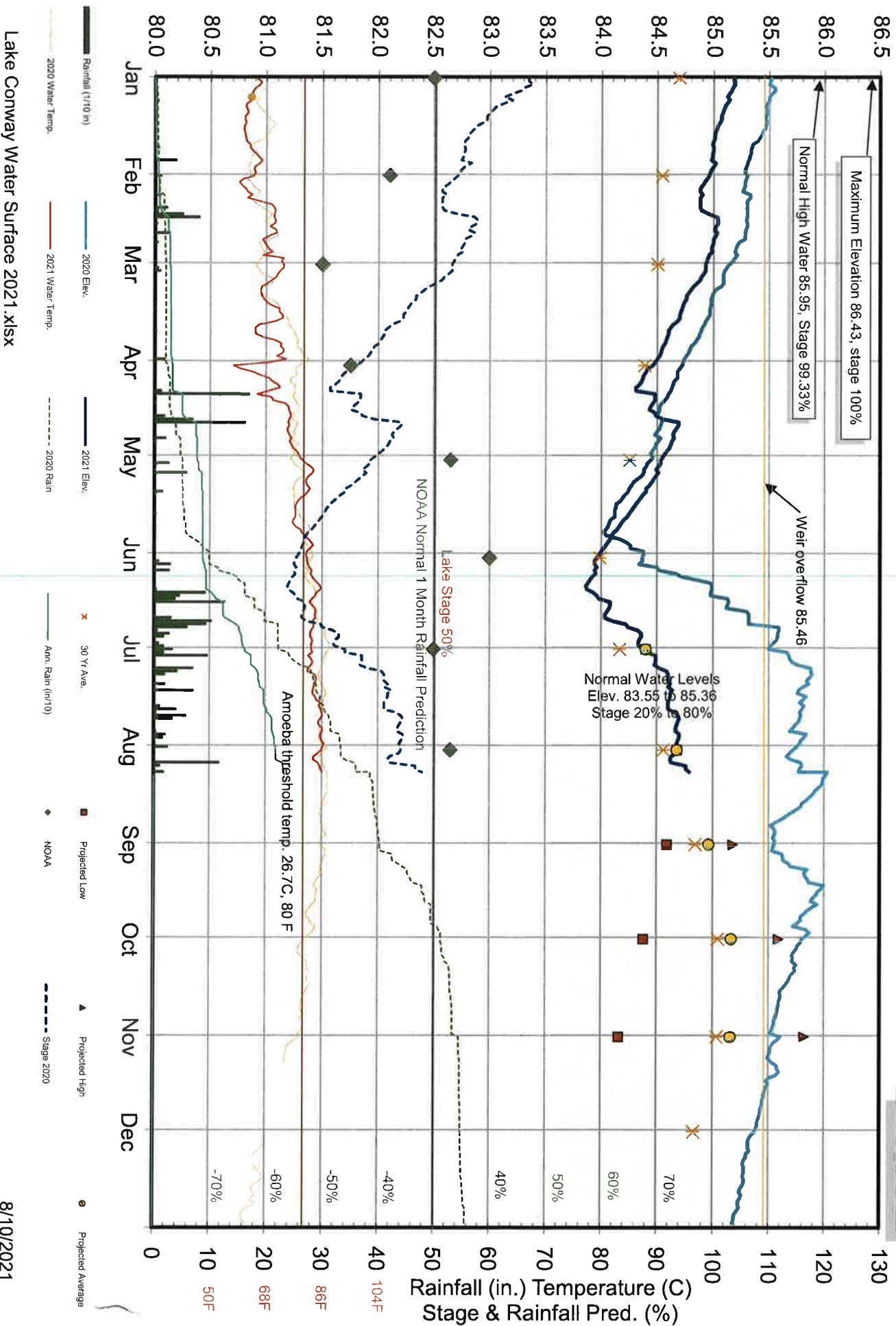
** Community First **

Datum based on Hoffner Bridge
 Gauge, OCBM L-1058-006

Lake Conway 2021 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>

7/31/21
 Elev 84.68
 Stage 44%



CURRENT LAKE CONWAY PROJECTS

1	Off-duty lake patrol	\$108,885.00	Total \$108,885: OCSO 1200 hrs, BIPD 600 hrs
2	Ferncreek Ramp gatekeeper	\$3,365.00	Total \$3,365: \$10 per day
3	Routine Services: street sweeping, curb inlet baskets, baffle box maintenance, nav markers, lake related contracted services	\$240,000.00	Total \$240,000: Street sweeping: \$160,000. CIB cleaning: \$20,000. Baffle box cleaning: \$30,000. Contractor Services: \$30,000
4	Lake Gatlin Alum Treatment	\$122,192.00	Total \$122,192: 1st treatment 3/23/21-3/24/21, 2nd treatment 6/29/21 & 6/30/21, 3rd treatment scheduled for Sept/Oct timeframe
5	Canal Siltation Assessment	\$29,971.00	Total \$29,971: Notice To Proceed issued 2/22/2021, report expected August 2021
6	Delia Beach baffle box (5) COBI cost share	\$94,020.00	Total \$94,020 reimbursed to COBI
7	Pet Waste Stations at City lakefront parks	\$3,500.00	Total \$3500 reimbursed to COBI
8	CURRENT PROJECTS TOTAL	\$601,933.00	
9	TOTAL REVENUES ANTICIPATED THIS YEAR	~\$465,652.00	
10	RESERVES	\$1,276,311.00	

LAKE CONWAY STUDY: WATER QUALITY PROJECT RECOMMENDATIONS DISCUSSION

	DESCRIPTION	PROPOSED INSTALLED COST	OPERATION & MAINTENANCE COST OVER 20 YEARS	TN COST BENEFIT \$/LB REMOVED	TP COST BENEFIT \$/LB REMOVED	EPD COMMENTS
11	(1) CON0040 Bioswales within right-of-way of Perkins Road, Fulmer Road, and Wind Drift Road. Inlet baskets along Lake Drive.	\$834,688.00	\$75,000.00	\$253.00	\$1,587.00	Currently not a priority for COBI.
12	(2) CON0290 Underground 2nd generation baffle box with up-flow BAM filter in the parcel at the west end of Trentwood Boulevard.	\$502,458.00	\$67,000.00	\$430.00	\$3,491.00	Possible partnership with DOT & COBI. COBI will follow up with DOT's interest in project.
13	(3) CON0370 2nd generation NSBB with BAM filter within the right-of-way of Barby Lane.	\$328,644.00	\$16,500.00	\$1,017.00	\$6,807.00	Discussions with COBI to review engineering plans. Priority project for COBI.
14	(4) CON0460 Underground up-flow BAM filter (HPUF) in empty parcel off East Wallace Street.	\$536,281.00	\$12,000.00	\$1,136.00	\$7,106.00	Discussions with COBI to review engineering plans. Will require future discussions with OC PW, EPD, COBI. SIRWMD stated is a promising grant project for next review in Jan-Mar timeframe. A priority project for COBI.
15	(6) CON0270 Underground 2nd generation baffle box with up-flow BAM filter in drainage easement at the intersection of Alsace Court and Montmart Drive.	\$314,175.00	\$67,000.00	\$1,383.00	\$9,605.00	
16	(7) CON0170 Floating treatment wetlands in wet detention pond and underground up-flow BAM filter (HPUF) for effluent of eastern pond in parcel south of Rothbury Drive.	\$934,666.00	\$19,887.00	\$1,388.00	\$14,433.00	
17	(8) CON0130 Underground up-flow BAM filter (HPUF) in parcel north of Franconia Drive.	\$1,105,457.00	\$30,820.00	\$2,203.00	\$24,543.00	
18	(9) CON0080 Underground 2nd generation baffle box with up-flow BAM filter in right-of-way on the north end of St. Partin Place.	\$313,612.00	\$67,000.00	\$5,912.00	\$37,531.00	Infrastructure improvement needed. OC Utilities has lift station & large sanitary pipe near this proposed location. A priority project for COBI. EPD comment: Cost benefit of TN & TP removal is very high.
19	Feasibility Studies for baffle box locations					
20	Street Sweeping Optimization Study					Nav Board did not move forward for approval

Underground up-flow bio-sorption activated media (BAM) filter (HPUF system by ACF)

CITY OF BELLE ISLE PROPOSED DRAINAGE IMPROVEMENT PROJECTS

21	Sol Avenue flooding concern	UNK		NA	NA	
22	Stafford Drive & Pam Circle flooding concern	UNK		NA	NA	
23	6817 Barby Lane drainage improvements, south of Indian Drive, install 2 new inlets & pipe replacement	Total \$196,248		NA	NA	If 2nd generation NSBB with BAM filter cannot be installed, stormwater infrastructure still needs improvement at Barby Lane & Indian Drive.

Lake Conway Water and Navigation Control District Routine Services Approval for 2021-2022

DESCRIPTION	ACTUAL SPENT FY 2019-2020	AMOUNT SPENT TO DATE THIS FY 2020-2021	PROPOSED ROUTINE SERVICES FOR 2021-2022	EPD COMMENTS
1 Off-duty/lake patrol	\$68,654.76	\$55,304.93	\$108,885.00	OCCSO 1200 hrs, BIPD 600 hrs; total of \$108,885
2 Ferncreek gatekeeper	\$2,928.00	\$2,430.00	\$3,650.00	\$10 per day
3 Routine Services: street sweeping, curb inlet baskets, baffle box maintenance, nav markers, lake related contracted services	\$205,139.13	\$291,733.10	\$240,000.00	Street sweeping: \$160,000. Baffle box cleaning: \$30,000. CIB cleaning: \$20,000. Contractor Services: \$30,000. Additional lake related projects (alum treatments, baffle boxes, etc) will require Nav Board motion and approval.
4 TOTAL	\$276,721.89	\$349,468.03	\$352,535.00	
5 TOTAL REVENUE	\$423,285.28	~\$465,652.00		Over the years, the annual expenditures have been close to the amount of annual revenue, resulting in limited extra funds being accrued for future water quality BMPs or APM.
6 RESERVES	\$1,901,684.00	\$1,027,138.00		