



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 9, 2022
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 14, 2022 Lake Conway Navigation Board Meeting

- Public Comment:
 - a. Gary and Artis Meloon, Belle Isle residents, addressed the Board regarding the drainage pipe and ditch on E. Wallace Street. They showed photos of the beach near his home that has algal growth and weeds. They requested that EPD take samples of the vegetation to determine what it is and how it got there. Also there seems to be garbage coming through the pipe. They wanted to know who is responsible and who will take care of the growth. CM Francis stated that it is Orange County's pipe in the City's right-of-way. The Board members agreed that the County should take care of the outfall.
 - b. Approximately 20 citizens spoke in opposition of the Nav Board considering making the Sandbar a vessel and person exclusion zone and also making the proposed paddleboard and kayak trail around the lake. Many who spoke stated that there are many good stewards of the lake and only a few are causing the issues. They cited loud music and safety as the concerns. They questioned who would be responsible for the markers that need to be placed in the lake for the trail and who would pay for them.
 - c. Additional citizen comments focused on weeds in the lake, water quality, and canal dredging updates.
- Comments from the Chairperson: Comments from the Chairperson are below
- Marine Patrol Report:
 - a. Reports of OCSO and BIPD are attached.

- b. Citizens asked about the new noise law and if it applies to boats on the lake. CPL Bowers stated that it does not apply to vessels. E also provided the number for citizens to call (407-836-HELP) if they want to report any incident on the lake.
- Proposed Sandbar Designated Areas and Travel Lanes:
 - a. Mr. John Evertsen stated that he has been on the Nav Board for about a year and all he hears is complaints, so he put this idea forward so he could get people interested in this issue because he did not like the way that the Bird Island issue was done. He stated he just wanted to “throw the issue against the wall and see how it goes”. The Board and the audience had several discussions. After much discussion the following motions were made and passed:
 - i. Motion to have Commissioner Uribe go to the County Commission Board to request additional resources for the OCSO for the lake.
 - ii. Motion to have the City/County (OCSO)/ and FWC to develop a Memorandum of Understanding so each law enforcement entity can enforce each other’s ordinances.
 - iii. Motion to table this issue; have further discussions on how to handle the sandbar; and hold public workshops on segmented issues (noise, safety, and others).
 - b. Members of the audience asked how they could be contacted for future meetings. Ms. Urbanik provided information. Ms. Urbanik also provided information on how residents can send comments to county. It is a new email: lakes@ocfl.net.
- Water Elevation Report: No report was given at the meeting. Report is attached
- EPD Report:
 - a. Approval of Routine Services: The Board discussed the routine services that the Nav Board approves each year (See attached). Motion was passed to approve the routine services contract for FY2022-2023. CM Francis asked when OCPW would complete the review of the Barby Drainage Project. Ms. Urbanik will check. CM Francis requested that the City’s engineers and OCPW Engineers discuss the issues. Ms. Urbanik agreed the engineers should meet when the review is completed. General discussion ensued and no motions were passed.
 - b. Lake Conway Stormwater Study Project Update: Ms. Urbanik went over the spreadsheet for current Lake Conway Projects (attached). She stated that the three projects approved by the Board (Trentwood Blvd; E. Wallace Street; and Alsace Court) were approved and a kick-off meeting is being scheduled for the feasibility study.
 - c. Street Sweeping Proposal: Ms. Urbanik stated that they are still working with the OC Attorney’s Office on this issue.
 - d. Barby Lane Project: Ms. Urbanik and CM Francis gave an update on the Barby Lane Project. Ms. Urbanik stated that there is a meeting between the City’s engineers and County Public Works on August 12th to discuss the final plans for the project. Once completed, the Board would like to see the plans. CM Francis asked the Board if they were going to fund 50% of the cost of Barby and requested that the Board also fund 50% of the cost of the drainage project on Indian Drive since it is taking runoff that would normally go to the Barby drainage system. CM Francis stated that the Engineer Estimate for Barby lane was \$196,250 and requested \$98,125 from the Board.

- Advisory Member Reports:
 - a. All Board members stated that they appreciated all of the citizen input on the sandbar issue.
 - b. Mr. Evertsen requested that the trees near bridge at the Hoffner Canal be trimmed because they are obstructing the line of sight and is it a safety issue.
 - c. Ms. Guthrie reminded the Board and audience that the new fertilizer rules are in effect.
- Non-Agenda Items:

There was a question from a citizen as to why the Nav Board pays for the Fern Creek Gatekeeper when this site is actually run by OC Parks & Recreation. Board Member Lance stated that this happened a long time ago, but the Board requested that Ms. Urbanik contact OC Parks and discuss this being funded by the Parks Department.
- The meeting adjourned at 8:45 PM.

Attachments

- Nav Board Agenda
- Minutes of June 14, 2022 Meeting
- BIPD & OCSO Marine Reports
- Lake Report
- Routine Services Spreadsheet
- Nav Board 5 year Budget History
- Lake Conway Projects spreadsheet

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

**August 9, 2022 at 6:30 P.M.,
Orange County Facilities Management Training Room**

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. Proposed Sandbar Designated Areas and Travel Lanes
- VII. Lake Conway Water Elevation Report
- VIII. Orange County EPD Report
 - Annual Approval of Routine Services
 - Lake Conway Stormwater Feasibility Studies
 - Street Sweeping Proposal
 - Barby Lane Construction Project and Partnership Discussion
- IX. Advisory Board Member Report
 - Chair Dr. Elizabeth Nelson
 - Vice Chair John Evertsen
 - Bobby Lance
 - Micky Blackton
 - Frances Guthrie
- X. Non - Agenda Items
- XI. 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
June 14, 2022 at 6:30 p.m.
Orange County Facilities Management Training Room**

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

Board Members Absent: None

Staff & Guests: Tara Urbanik and Julie Bortles, 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: Holly Bobrowski, Cindy Lance, Raquel Lozano, Tony Carugno, and John Hermann

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 6:30 p.m.

II. Approval of the May 10, 2022 Meeting Minutes

Upon a motion by Micky Blackton, seconded by Bobby Lance, and carried with all present members voting AYE by voice vote; the Advisory Board approved the May 10, 2022 meeting minutes.

III. Public Comment on Propositions before the Advisory Board

Chair Dr. Nelson did not receive any requests for public comments.

IV. Comments of the Chair

Chair Dr. Nelson thanked the Orange County Environmental Protection Division for their presentation of the Dock Ordinance, that it was very informative.

V. Marine Patrol Report

Off-Duty Patrol Reports

Corporal Bim Lowers presented the Orange County off-duty marine patrol report. For the month of May 2022, the following activities were reported:

- 2 dispatched calls for service
- 66 off-duty patrol hours
- 429 vessels observed on the lake

- 66 vessel stops
- 15 vessel citations
- 49 vessel warnings
- 49 vessel inspections
- 23 ramp checks

Sergeant Jeremy Millis presented the Belle Isle Police Department off-duty marine patrol report. For the month of May 2022, the following activities were reported:

- 102 off-duty patrol hours
- 4 dispatched calls for service
- 398 vessels observed on the lake
- 7 vessel stops
- 35 vessel citations
- 6 vessel warnings
- 0 vessel inspections
- 36 ramp checks

Marine Patrol Funding

Mr. Evertsen requested to discuss off-duty patrol services, and inquired how much on-duty County funding is allocated to Lake Conway. Captain McMullen stated specific funding is not designated to individual lakes, but to the lake patrol detail as a whole. Discussion ensued.

VI. Lake Conway Water Elevation Report

David Wood's water elevation report was not presented.

VII. Orange County EPD Report

Mr. Evertsen requested to present an idea of creating a boat and human exclusion zone (Proposal) in the location of the "Sand Bar" on the east side of the middle lobe of Lake Conway. The Proposal also includes designated no wake travel lanes adjacent to the shoreline along portions of the Chain:

Sand Bar Designated Areas and Travels Lanes:

- In effect from May 1 to October 1; Fridays 3pm till sunrise, Monday morning and Holidays (with the exception of kayak and paddleboard lanes).
- Boat human exclusion zone will provide for protection of the environment from overuse and destruction of lake substrate and vegetation.
- Area will be created to provide a safer environment for the Lake Conway stakeholders on days with heavy participation. Travel lanes and designated areas will provide easier access for participants, first responders and residents that live along the shoreline. Boat mooring area will be for dedicated mooring area for all watercraft.
- Travel lanes are no wake.

Paddle Board and Kayak Path for Lake Conway:

- No commercial groups can utilize launches.
- Warren Park Orange County launch.
- Cross Lake Belle Isle launch (to be agreed upon).
- 50 feet from end of dock and/or parallel to shoreline.
- Marked by buoys.
- Will allow for safe travel through the chain of lakes for paddle boards and kayaks on a designated route.
- Boats allowed to cross but not run in path kayaks and paddleboards have right of way.

Ms. Urbanik stated that boating safety zones can only be established for public safety, and that swimmers cannot be prevented from swimming in waters of the State. Discussion ensued. Mr. Lance expressed a concern that he does not agree with the proposed restrictions to the residents that live along the shoreline of the Sand Bar. He added that the Sand Bar residents need to be involved in the discussion and not get caught by surprise on any future movement of the Proposal. The Advisory Board agreed for the Proposal topic to be included on the future agendas, and that they would like the Proposal to be researched to determine feasibility.

Upon a motion by Bobby Lance, seconded by Chair Dr. Elizabeth Nelson, and carried with all present members voting AYE by voice vote; the Advisory Board approved Mr. Evertsen to be the lead on his Proposal and move forward with the whole project, determine the legal requirements, coordinated with the FWC to determine feasibility of the Proposal.

Lake Conway MSTU Budget Overview

Ms. Urbanik provided a spreadsheet handout of the current MSTU budget and upcoming projects. As of June 13, 2022, the total account balance is \$2,263,323.84. It is anticipated that approximately \$490,430.00 will be accrued this fiscal year. \$863,092.97 is approved for projects and studies for this fiscal year. Discussion ensued.

Lake Conway Stormwater Study Feasibility Scope

The revised scopes were sent to the Advisory Board. Ms. Urbanik will submit the paperwork for funding after all comments are received. An update will be provided at the July meeting.

Street Sweeping Proposal

The draft versions of the street sweeping interlocal agreements are in the process of being reviewed. Ms. Urbanik will provide an update in July 2022.

VIII. Advisory Board Member Report

- Chair Dr. Elizabeth Nelson: No comments.
- Vice Chair John Evertsen: No comments.
- Bobby Lance: Mr. Lance stated he is receiving communication of near misses of vessel collisions near the curve of Nela Bridge. Mr. Lance believes Mr. Evertsen's proposed paddle board trail should be increased from 50 feet to 100 feet. He also stated the wake board vessels seem to be removing large swaths of pondweed from the lake bottom.

- Mickey Blackton: No comments.
- Frances Guthrie: No comments.

IX. Non-Agenda Items

Ms. Urbanik displayed a bathymetric sticker that the Lake Jessamine Advisory Board created, to show recommended wake boarding areas. Discussion ensued.

Upon a motion by Vice Chair John Evertsen, seconded by Frances Guthrie, and carried with all present members voting AYE by voice vote; the Advisory Board approved Ms. Urbanik to work on the draft bathymetric image for the Conway Chain.

X. Meeting Adjourned

Chair Dr. Nelson adjourned the meeting at 7:41 p.m.

Elizabeth Nelson, Chair

Date

Minutes prepared by Tara Urbanik

Date



Lake Conway Marine Patrol Report

Jul-22

Orange County Sheriff's Office

Dates													Total
	7	8	9	10	14	16	17	21	23	24	30	31	
Arrests													
Felony													0
Misdemeanor													0
Warrant Arrests													0
Productivity													
Field Intelligence Reports													0
Dispatched Calls for Service													0
Reports Written													0
Vessel Accidents													0
Vessels Observed on Lake	22	28	75	35	20	75	80	16	40	40	120	45	596
Vessel Stops	5	4	11	5	1	5	6	2	4	7	9	6	65
Citations Issued		1	1	1			1		1	1	2		8
Warnings Issued	4	2	8	3	1	5	5	2	5	4	3	6	48
Vessel Inspections	3	2	5	5		1	2	2	3	7	4	4	38
Ramp Checks	8	2	2	4	4	4	4		2	4	4	1	39
Patrol Assists/Back-Ups													0
Hours Worked	2	2	10	8	2	8	8	4	10	8	10	10	82

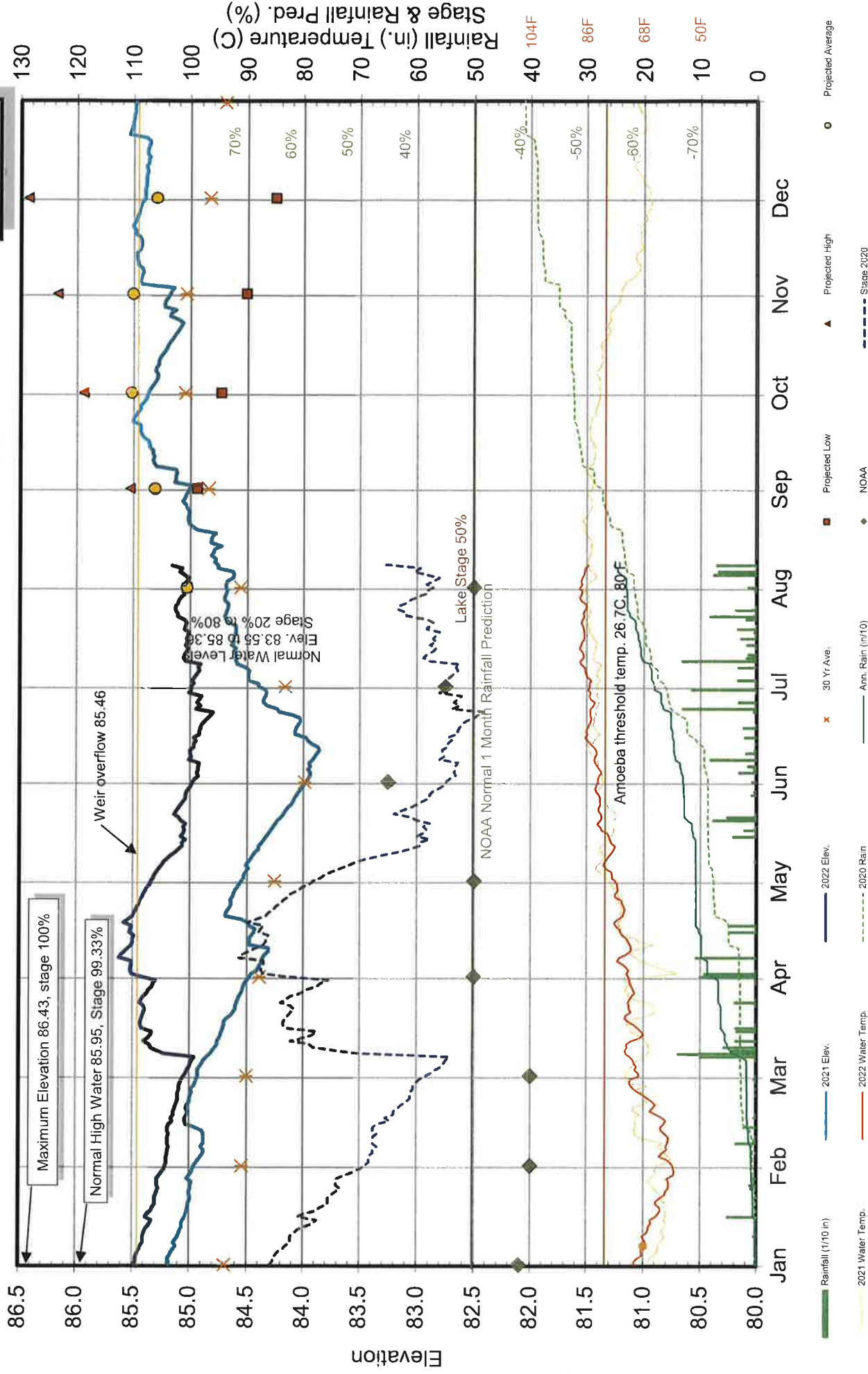
Comments: 07/17 - Assisted BIPD with felony vessel fleeing from one of their Marine Officers.

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

Lake Conway 2022 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>

7/31/22
Elev 85.05
Stage 58%



Lake Conway Water and Navigation Control District Routine Services Approval for 2022-2023

	DESCRIPTION	ACTUAL SPENT FY 2020-2021	AMOUNT SPENT TO DATE THIS FY 2021-2022	PROPOSED ROUTINE SERVICES FOR 2022-2023	EPD COMMENTS
1	Off-duty lake patrol	\$79,647.63	\$58,364.96	\$108,885.00	OCSO 1200 hrs, BIPD 600 hrs; total of \$108,885
2	Ferncreek gatekeeper	\$3,650.00	\$2,730.00	\$2,650.00	\$10 per day
3	Routine Services: street sweeping, curb inlet baskets, baffle box maintenance, nav markers, lake related contracted services	\$370,119.53	\$159,591.87	\$260,000.00	Street sweeping: \$170,000. Baffle box cleaning: \$40,000. CIB cleaning: \$20,000. Contractor Services: \$30,000. Includes Lake Gatlin Alum Treatment expenses in FYs 2021 & 2022. Additional lake related projects (alum treatments, baffle boxes, etc) will require Nav Board motion and approval.
4	TOTAL	\$453,417.16	\$220,686.83	\$371,535.00	
5	TOTAL REVENUE	\$448,756.01	~\$490,430.00		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	\$1,276,311.00	\$1,126,318.00		



Expenditure Status & History as of August 3, 2022

Fund 1095 Water & Nav-Lk Conway

	2017	2018	2019	2020	2021	Adopted Budget	Current Budget	Encumbered	2022 Actual	Unobligated
Revenues										
Current Ad Valorem Taxes	356,068.83	375,135.35	394,399.80	423,285.28	448,756.01	490,430.00	490,430.00	-	459,542.71	
Prop Appraiser-Excess Fee	102.84	167.74	391.83	368.28	587.58	400.00	400.00	-	-	
Weed Control State Contract	10,889.59	10,652.82	1,712.14	4,078.07	7,332.16	5,000.00	5,000.00	-	4,519.24	
Interest - Investments	20,262.47	31,491.77	47,721.96	34,239.29	19,608.31	15,000.00	15,000.00	-	3,362.67	
Tax Collector Int Earning	223.24	468.30	994.53	826.78	70.66	500.00	500.00	-	74.72	
Market Value	(14,274.00)	(10,003.00)	25,258.00	12,302.00	(20,120.00)	-	-	-	(1,359.00)	
Adjustment-Investments										
Insurance-Workers Comp	-	7,142.66	-	-	-	-	-	-	-	
Mis-Reimb Other Gov	-	-	4,425.39	1,206.92	660.79	600.00	600.00	-	-	
Agenc										
Refund Prior Year Oper	-	-	12,959.25	-	-	-	-	-	-	
Expd										
5% Statutory Deduction	-	-	-	-	-	(25,597.00)	(25,597.00)	-	-	
Cash Brought Forward	-	-	-	-	-	1,990,524.00	1,990,524.00	-	-	
Total Revenues	373,272.97	415,055.64	487,862.90	476,306.62	456,895.51	2,476,857.00	2,476,857.00	-	466,140.34	



Expenditure Status & History as of August 3, 2022

Fund 1095 Water & Nav-Lk Conway

Expenditures	2017	2018	2019	2020	2021	Adopted Budget	Current Budget	Encumbered	2022 Actual	Un-obligated
Commissions and Fees	2,649.84	2,971.37	3,485.63	3,768.52	3,867.92	4,211.00	4,211.00	-	4,211.23	(0.23)
Prop Apprai										
Commissions and Fees Tx	7,146.96	7,547.02	7,944.06	8,455.22	9,030.90	10,014.00	10,014.00	-	9,221.30	792.70
Collecto										
Payments to Other	95,630.89	137,872.76	142,400.71	133,592.04	135,064.71	300,000.00	304,125.00	59,751.34	72,432.11	171,941.55
Governmental Agencies										
Contractual	2,920.00	2,920.00	2,920.00	2,928.00	3,650.00	3,700.00	3,700.00	920.00	2,730.00	50.00
Scv-Individual										
Contractual Services Not	189,835.53	141,762.55	259,993.70	205,139.13	343,744.26	790,000.00	854,595.00	631,365.86	146,235.86	76,993.28
Otherwise Specified										
Postage and Messenger	-	-	-	-	-	750.00	750.00	-	-	750.00
Svcs										
Communications	-	-	-	-	-	500.00	500.00	-	-	500.00
Maintenance of Buildings,	-	-	1,180.90	-	-	-	-	-	-	-
Improvements, of										
Grounds										
Maintenance of	-	-	-	-	-	100.00	100.00	-	-	100.00
Equipment										
Graphic Reprod Svcs	-	-	-	-	-	1,000.00	1,000.00	-	-	1,000.00
Miscellaneous Operating	1,556.73	1,015.71	362.09	-	-	1,000.00	1,000.00	-	-	1,000.00
Supplies										
Equipment Less Than	-	-	-	-	-	1,000.00	1,000.00	-	-	1,000.00
\$1000										
Chemical and Pesticides	28,707.85	21,790.19	-	-	26,375.27	50,000.00	56,949.00	1,597.50	13,356.01	41,995.49
Promotional Expenses	-	-	-	-	-	100.00	100.00	-	-	100.00
Struct and Fac Oth Th	-	-	-	-	-	1,000.00	1,000.00	-	-	1,000.00
Bldgs										
Stormwater Struct and	-	-	-	-	-	150,000.00	150,000.00	-	-	150,000.00
Facilities										
Operating	328,447.80	315,879.60	418,287.09	353,882.91	521,733.06	1,313,375.00	1,389,044.00	693,634.70	248,186.51	447,222.79
Expenditures										
Land and Perm	-	-	-	-	-	1,000.00	1,000.00	-	-	1,000.00
Easements										
Capital Outlay	-	-	-	-	-	1,000.00	1,000.00	-	-	1,000.00
Reserve for Contingency	-	-	-	-	-	1,144,400.00	1,162,482.00	-	-	1,162,482.00
Reserves										
Total Expenditures	328,447.80	315,879.60	418,287.09	353,882.91	521,733.06	2,458,775.00	2,552,526.00	693,634.70	248,186.51	1,610,704.79

Total fund balance as of 8/3/2022: \$2,247,982.21

COBI requests partnership in red

CURRENT LAKE CONWAY PROJECTS				
Project	Cost	Breakdown		
1 Off-duty lake patrol	\$108,978.00	Annually approved for \$168,885: OCSD 1200 hrs at \$73,082.00, BPPD 600 hrs at \$35,896.00		
2 Fenwick Ramp gatekeeper	\$3,365.00	Annually approved for \$3,365: \$10 per day		
3 Mowing Services: Street Sweeping, curb inlet baskets, baffle box maintenance, bar markers, lake related contracted services	\$260,000.00	Annually approved for total \$260,000: Street Sweeping: \$170,000 (includes newly proposed roads), CLE cleaning: \$20,000, Baffle Box cleaning: \$40,000, Contractor services: \$30,000		
4 CON0270 Alasca Ct Feasibility & Design Study (6)	\$132,230.92	Approved by Nav Board on 2/8/22; Purchase Order received; kick-off meeting to be scheduled		
5 CON0290 Trentwood Blvd Feasibility & Design Study (2)	\$175,142.86	Approved by Nav Board on 2/8/22; Purchase Order received; kick-off meeting to be scheduled		
6 CON0460 Wallace St Feasibility & Design Study (4)	\$165,011.61	Approved by Nav Board on 2/8/22; Purchase Order received; kick-off meeting to be scheduled		
7 Additional Street Sweeping Route		Approved \$9,790.93 on 3/6/22; Interlocal agreements drafts are under reviewed		
8 Barbry Lane NSB with BAM (3)		COBI requesting partnership, meeting to be scheduled between OC PW, OC EPD, & COBI. Estimate came in at \$351,000.00		
9 New Navigation Marker Locations		14 new piling markers are proposed for next fiscal year, the recommended areas are under review		
10 CURRENT LAKE PROJECTS TOTAL	\$844,728.39			
11 TOTAL NSTU REVENUES ANTICIPATED THIS YEAR	-\$490,430.00			
12 RESERVES	\$1,126,338.00			
13 Lake Gatlin Alum Treatment	\$138,503.37	PROJECT COMPLETE Study: \$22,959.84 (approved 8/11/2020); Treatment: \$122,192.00 (approved 1/12/21), for a total cost \$145,151.84. 1st treatment 3/23/21-3/24/21, 2nd treatment 6/29/21 & 6/30/21, 3rd treatment 9/21/21-9/23/21, 4th treatment 1/31/22-2/11/22		
14 Canal Siltation Assessment	\$30,441.75	PROJECT COMPLETE Total \$30,441.75 (approved on 1/12/21). Notice To Proceed issued 2/22/2021, report received February 2022		
15 Della Beach baffle box (5): COBI after-the-fact cost share	\$94,020.00	PROJECT COMPLETE Total \$94,020 reimbursed to COBI (approved 5/11/21)		
16 Pet Waste Stations at City lakefront parks	\$4,554.02	PROJECT COMPLETE Approved \$3500 on 5/11/21 & \$3,917.26 on 3/8/22, for total of \$7,417.26		
LAKE CONWAY STUDY RECOMMENDATIONS				
DESCRIPTION	PROPOSED INSTALLED COST	OPERATION & MAINT COST OVER 20 YEARS	TN COST BENEFIT \$/LB REMOVED	TP COST BENEFIT \$/LB REMOVED
CON0040 Bioswales within right-of-way of Perkins Road, Fulmer Road, and Wind Drift Road. Inlet baskets along Lake Drive. (1)	\$834,688.00	\$75,000.00	\$253.00	\$1,587.00
CON0290 Underground 2nd generation baffle box with up-flow BAM filter in the parcel at the west end of Trentwood Boulevard. (2)	\$502,458.00	\$67,000.00	\$430.00	\$3,491.00
CON0370 2nd generation NSBB with BAM filter within the right-of-way of Barbry Lane. (3)	\$328,644.00	\$16,500.00	\$1,017.00	\$6,807.00
CON0460 Underground up-flow BAM filter (HPUF) in empty parcel off East Wallace Street. (4)	\$536,281.00	\$12,000.00	\$1,136.00	\$7,106.00
CON0270 Underground 2nd generation baffle box with up-flow BAM filter in drainage easement at the intersection of Alasca Court and Montmart Drive. (6)	\$314,175.00	\$67,000.00	\$1,383.00	\$9,605.00
CON0170 Floating treatment wetlands in west wet detention pond and underground up-flow BAM filter (HPUF) for effluent of eastern pond in parcel south of Rothbury Drive. (7)	\$934,666.00	\$19,887.00	\$1,388.00	\$14,433.00
CON0130 Underground up-flow BAM filter (HPUF) in parcel north of Franconia Drive. (8)	\$1,105,457.00	\$30,820.00	\$2,203.00	\$24,543.00
CON0080 Underground 2nd generation baffle box with up-flow BAM filter in right-of-way on the north end of St. Martin Place. (9)	\$313,612.00	\$67,000.00	\$5,912.00	\$37,531.00
Street Sweeping Optimization Study Underground up-flow bio-sorption activated media (BAM) filter (HPUF system by ACF)				Infrastructure improvement needed. OC Utilities has lift station & large sanitary pipe near this proposed location. COBI coordinating with OC on proposed dip line project to improve structure. A priority project for COBI. EPD comment: Cost benefit of TN & TP removal is very high.
Nav Board did not move forward for approval				

Infrastructure improvement needed. OC Utilities has lift station & large sanitary pipe near this proposed location. COBI coordinating with OC on proposed slip line project to improve structure. A priority project for COBI. EPD comment: Cost benefit of TN & TP removal is very high.