



Lakes & Waterways Board Regular Meeting

Agenda

September 10, 2024 @ 12:00 PM

City Hall Commission Chambers
401 S. Park Avenue

welcome

Agendas and all backup material supporting each agenda item are accessible via the city's website at cityofwinterpark.org/meetings/ and include virtual meeting instructions.

assistance & appeals

Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office ([407-599-3277](tel:407-599-3277)) at least 48 hours in advance of the meeting.

"If a person decides to appeal any decision made by the Board with respect to any matter considered at this hearing, a record of the proceedings is needed 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." (F.S. 286.0105).

please note

Times are projected and subject to change.

1. Call to Order**2. Consent Agenda**

- a. Approve the minutes of August 13, 2024 1 Minute

3. Public Comments (for items not on the agenda): Three minutes allowed for each speaker**4. Public Hearings (Public participation and comment on these matters must be in person.)**

- a. Boathouse/Dock Application (BLDR-2024-0692) 2250 Venetian Way 10 Minutes
- b. Seawall Reventment Application (SAP-2024-0013) 2250 Venetian Way 10 Minutes
- c. Boathouse/Dock Application (BLDR-2024-0678) 201 Osceola Ct. 10 Minutes

5. Action Items

- a. Shoreline Permitting Fees 10 Minutes

6. Non-Action Items**7. Staff Updates**

- a. Winter Park Police Department 10 Minutes
- b. Lakes Management 10 Minutes
- c. Past & Upcoming Events 5 Minutes

- Howell Branch Clean-up - 8/24 9a @ 2917 Temple Trail
- Fix it! Don't Pitch It - 9/7 9a @ Winter Park Events Center
- Orange County Lake Killarney Advisory Board Meeting - 9/12 5p @ Public Safety Building (500 N Virginia Ave)
- Paddleboard Clean-up - 9/14 9a @ Kraft Azalea to Dog Island
- Wood Duck Box Workshop - 9/14 9a @ MLK Jr. Park
- Sustainability Fair & EV Car Show - 9/21 9a @ West Meadow
- Get Hooked! - 10/5 7a @ MLK Pond
- 2024 Backyard Biodiversity Day - 10/19 9a @ Mead Garden
- Lake Shoreline Restoration - 10/19 9am @ Temple & Tuscany

- d. Stormwater Management 10 Minutes

8. Board Comments

agenda

estimated time

-
- a. Discussion of Public Comments Received

5 Minutes

9. Upcoming Agenda Items

- a. Discussion of Upcoming Agenda Items

5 Minutes

10. Adjournment



Lakes & Waterways Board

agenda item 2.a

item type

Consent Agenda

meeting date

September 10, 2024

prepared by**approved by****subject**

Approve the minutes of August 13, 2024

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

1. LWB-mins-2024-08-13 DRAFT GE edited



Lakes & Waterways Board Regular Meeting Minutes

August 13, 2024 at 12:00 PM

City Hall Commission Chambers
401 S. Park Avenue

Present

Justin J. Vermuth, Clark Sprinkel, David F. March, Matthew Johnson, Ed Webman

Absent

William H. Swartz Sr., George T. Vietor

Staff Present

Director of Natural Resources and Sustainability Gloria Eby, Director of Public Works Charles Ramdatt, Assistant Director of Public Works Don Marcotte; Public Works Engineer Shannon Monahan, Lakes Manager Joseph Cordell; Administrative Assistant Victoria Tabor

1. Call to Order

Justin Vermuth called the meeting to order at 12:08 p.m.

2. Consent Agenda

- a. Approve the minutes of July 9, 2024

Motion made by Mr. Vermuth to approve the minutes, seconded by Mr. Sprinkel. Motion carried unanimously with a 5-0 vote.

3. Public Comments (for items not on the agenda)

4. Public Hearings (Public participation and comment on these matters must be in person.)

- a. Riprap Revetment (SAP-2024-0012) 1169 Lakeview Dr.

Mr. Cordell presented the permit application for a riprap revetment for 1169 Lakeview Dr. It will be a new structure on Lake Virginia, installing 105 feet with a 2:1 slope using coquina rock. Vegetation is required. The Lakes Department recommends approval. Mr. Anthony Rizzo with Skolfield Homes, 118 W Comstock Ave. Winter Park, FL representing applicant/owner Bradley Blum explained in keeping with the natural contour of the shoreline, the permit was revised to reflect a boulder look over the stacked stone wall look.

Motion made by Mr. March to approve permit as revised; seconded by Mr. Johnson. Motion carried unanimously with a 5-0 vote.

- b. Boathouse/Dock Application (BLDR-2024-0325) 1615 Roundelay Ln.

Mr. Cordell presented the permit application for a new dock at 1615 Roundelay Lane on Lake Sylvan. The total square footage will be 267 and 25 feet from the shoreline.

Motion made by Mr. Vermuth to approve the permit application; seconded by Mr. Sprinkel. Motion carried unanimously with a 5-0 vote.

5. Action Items

6. Non-Action Items

a. Climate Adaptation Vulnerability Assessment Presentation

Ms. Eby introduced Dr. Leesa Souto the consultant for the vulnerability assessment provided by a grant received from the Florida Department of Environmental Protection (FDEP). The vulnerability assessment addresses vulnerable structures including flooding which is relevant to the Lakes and Waterways Board. Dr. Souto stated the results of the assessment guides the City's adaptation and strategic planning. FDEP has additional funding to help with implementation. Dr. Souto presented several slides explaining the results of the study.

Mr. Johnson mentioned his observation from the presentation is the low lying area connected to Lake Virginia. Mr. Vermuth asked how the assessment models compare to city staff's 100 year and 500 year projections. Dr. Souto stated they calibrated the results with staff's observed data and peer reviewed comments resulting in little change. Mr. Vermuth asked for the next steps utilizing the data of the study. Ms. Eby explained that after the basin studies are complete, project recommendations would be integrated into the 5-year CIP. Mr. Ramdatt informed the Board the City has three studies and one integrated overall study currently in place. A model will be created and will be updated every year.

Mr. Sprinkel asked if there are any incentives for septic to sewer conversion. Ms. Eby advised that the City of Winter Park is low in priority with grant funding given distance to basins that are high priority such as the Wekiva. Ms. Monahan advised that the infrastructure to set up sewer lines is costly. Mr. Sprinkel questioned the comparison of nitrogen reducing septic systems and standard septic systems. Dr. Souto advised that the advanced septic systems rely on aeration and electricity. If the power goes out, then there is a need for alternative power.

7. Staff Updates

a. Winter Park Police Department – not present

b. Lakes Management

- Mr. Cordell advised Asian Swamp Eels were located in several lakes in Winter Park. FWC is collecting samples to study their life history, eating habits and genetics. Mr. Vermuth asked for identification, Ms. Eby will bring a sample to the next meeting.

- Ms. Eby presented the NRCS update and announced the grant expires March 2025.

- Mr. Cordell displayed the three (3) shoreline violations, where sediment was imported and two (2) dock violations that were referred to Code Enforcement. A list of past and upcoming events was displayed.

c. Past & Upcoming Events

- Community Resources Event - 8/8 2:30p @ Killarney Elementary School
- Howell Branch Clean-up - 8/24 9a @ 2917 Temple Trail
- Fix it! Don't Pitch It - 9/7 9a @ Winter Park Events Center
- Orange County Lake Killarney Advisory Board Meeting - 9/12 5p @ Public Safety Building (500 N Virginia Ave)
- Paddleboard Clean-up - 9/14 9a @ Kraft Azalea to Dog Island
- Wood Duck Box Workshop - 9/14 9a @ MLK Jr. Park
- Sustainability Fair & EV Car Show - 9/21 9a @ West Meadow
- Get Hooked! - 10/5 7a @ MLK Pond

d. Stormwater Management

Ms. Monahan displayed the Stormwater Management CIP and then displayed the upcoming proposed 5-year plan. Ms. Monahan informed the 5-year plan is presented yearly for discussion and questioning by the board before going to City Commission. Mr. Marcotte offered that on the 5-year plan there are a number of projects identified from the three (3) basin studies. Mr. Vermuth asked if the City is careful not to do a project ahead of time that could be grant funded. Ms. Monahan advised yes.

Ms. Monahan will start highlighting different Best Management Practices (BMP). She explained that best management practices is something that provides water quality in water quantity handling structures. This month's BMP is the Howard Drive Stormwater Pond.

8. Board Comments

a. Discussion of Public Comments Received

9. Upcoming Agenda Items

a. Discussion of Upcoming Agenda Items

Mr. Sprinkel stated that his lake looks fantastic and would like to understand the process of how areas are identified for clean-up. Mr. Cordell informed that Staff are frequently on the lakes and are familiar with the trouble areas. Two (2) days per week are allocated for weedoo service.

10. Adjournment

Regular Meeting of the Lakes & Waterways Board
August 13, 2024
Page 4 of 4

The meeting adjourned at 1:21 p.m.

Approved by the board on _____
/s/ Bahiyyah Layton, Board Coordinator



Lakes & Waterways Board

agenda item 4.a

item type

Public Hearings (Public participation and comment on these matters must be in person.)

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Boathouse/Dock Application (BLDR-2024-0692) 2250 Venetian Way

motion | recommendation

Staff recommends approval.

background**alternatives | other considerations****fiscal impact****attachments**

1. BLDR-2024-0692 - 2250 Venetian Way



LAKE SHORELINE BOATHOUSE/DOCK APPLICATIONS

BLDR-2024-0692

2250 Venetian Way

- Applicant: Jason Acosta
- Contractor: Albert Cichra Builders
- Permitting Agent: Sheila Cichra
- Structure: Boathouse
- New/Existing: New
- Waterbody: Howell Creek

Parameters

Dock Parameter	Proposed	Allowed	Variance Req.?
Total Area (ft ²)	390	600 max	No
Length from OHW (ft)	15'	30'	No
Height of Roof (ft above deck)	9'	11 max	NA
Height of Deck (ft above OHW)	1'	2 max	No
Enclosures	N/A	80 ft ² max (no plumbing/water allowed)	NA
Side Yard Setback(s) (ft)	10'	10' min (5' with Letter of No Objection)	No
Meet Vegetation Criteria?	N/A	50% may be cleared	N/A

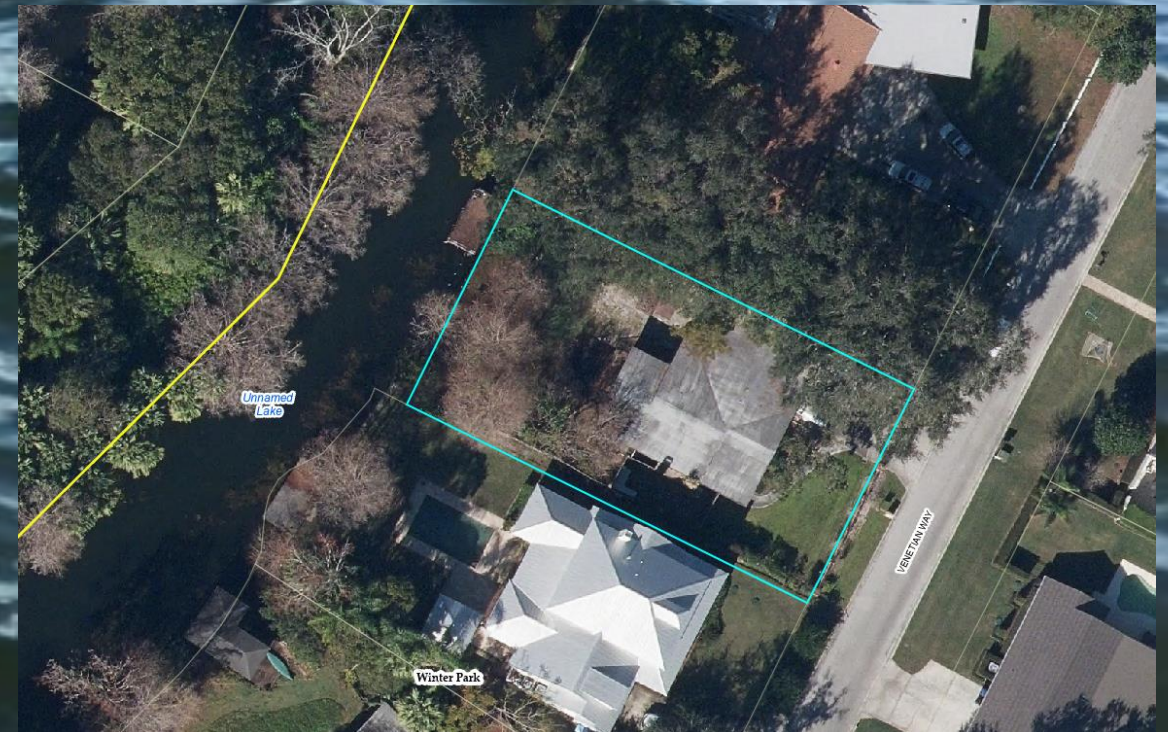
Staff Recommendation: Approval
Reviewed by: Joey Cordell

Map View

Basemap



Aerial View



Photos



Photos



Photos



Photos



Survey

Legal Description:
LOT 8, BLOCK H, MAITLAND SHORES, FIRST ADDITION, ACCORDING TO THE PLAT THEREOF, AS
RECORDED IN PLAT BOOK S, PAGE 68, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

AND

ALSO, BEGINNING AT THE SOUTHEAST CORNER OF LOT 8, BLOCK H, MAITLAND SHORES, FIRST ADDITION, AS RECORDED IN PLAT BOOK S, PAGE 68, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, RUN SOUTH 26 DEGREES 59 MINUTES WEST 10 FEET, THENCE NORTH 63 DEGREES 01 MINUTES WEST PARALLEL WITH THE SOUTHWESTERLY BOUNDARY OF SAID LOT 8, BLOCK H, MAITLAND SHORES, FIRST ADDITION, 150 FEET TO A POINT IN THE WATERS OF A CANAL, WHICH CANAL WEIGHS IN AND OUT OF THE SOUTH 89 DEGREES 15 MINUTES WEST 10 FEET TO A POINT WHICH IS NORTH 63 DEGREES 01 MINUTES WEST 150 FEET FROM THE POINT OF BEGINNING, THENCE SOUTH 63 DEGREES 01 MINUTES EAST ALONG THE SOUTHWESTERLY BOUNDARY OF SAID LOT 8, BLOCK H 150 FEET TO THE POINT OF BEGINNING.

SITE COVERAGE DATA:

TOTAL SITE: 11,580 SQ. FT.
IMPERVIOUS MAX. ALLOWED: 50% = 5,790 SQ. FT.

IMPERVIOUS AREA
50% MAX. PERMITTED

FIRST FLOOR:	2,134 SQ. FT.
PATIO:	0,547 SQ. FT.
GARAGE:	0,552 SQ. FT.
A/C PADS / STOOPS:	0,036 SQ. FT.
DRIVE / WALKWAY:	0,878 SQ. FT.
POOL / DECK:	1,405 SQ. FT.
TOTAL:	5,552 SQ. FT.

F.A.R. - 40% = 4,632 SQ. FT.
(MAX. PERMITTED)

FIRST FLOOR:	2,151 SQ. FT.
SECOND FLOOR:	1,939 SQ. FT.
PORCH & BALCONY:	1,361 SQ. FT.
(ABOVE 900 SQ. FT. MAX.)	
GARAGE:	0,528 SQ. FT.
TOTAL:	4,618 SQ. FT.

GROSS AREA OF PROPERTY: 11,580 S.F.

GROSS AREA OF LOT COVERAGE: 5,550 S.F.

GROSS AREA OF IMPERVIOUS SURFACES: 5,550 S.F.

WATER QUALITY CALCULATIONS

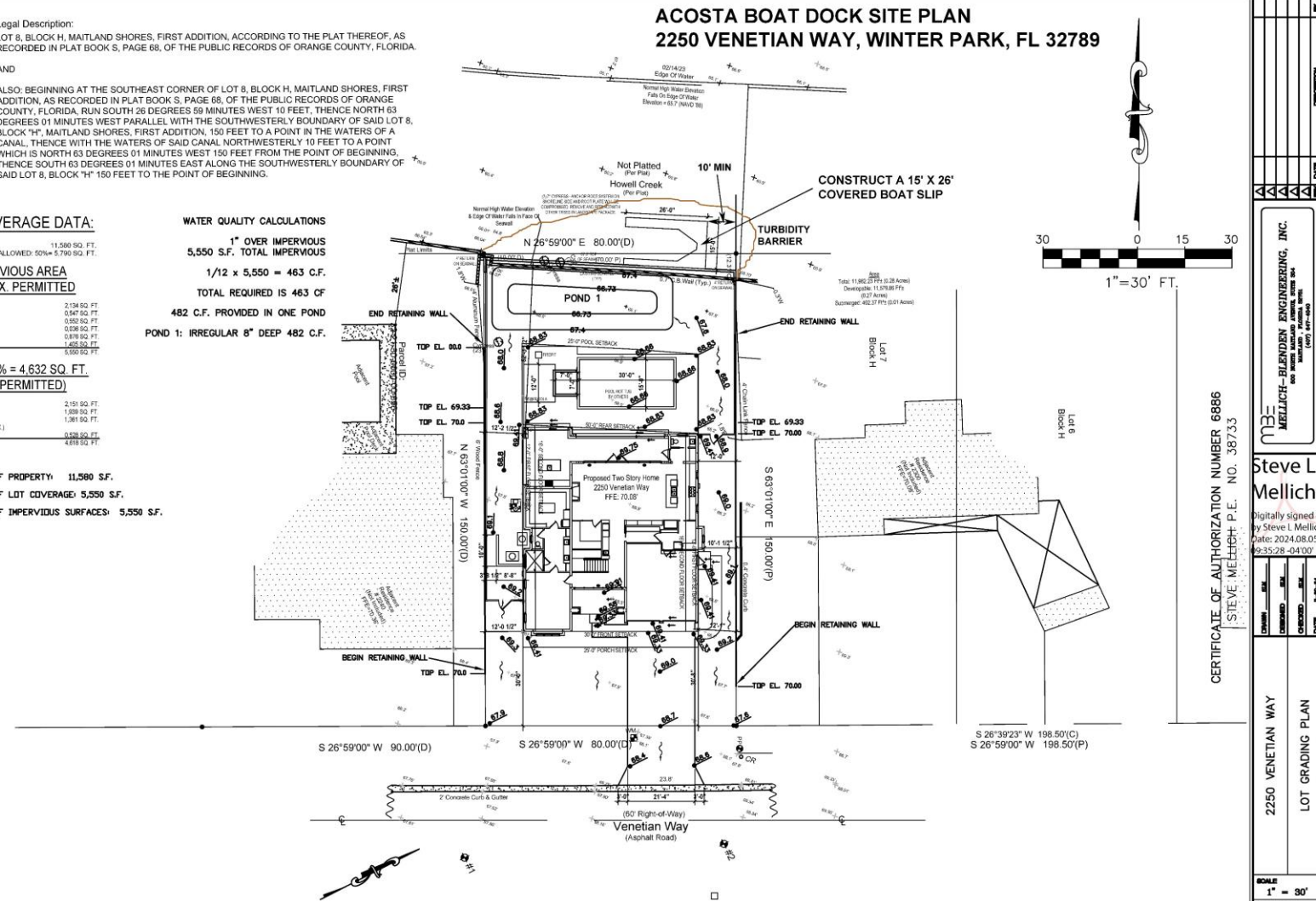
1" OVER IMPERVIOUS
5,550 S.F. TOTAL IMPERVIOUS

$$1/12 \times 5,550 = 463 \text{ C.F.}$$

TOTAL REQUIRED IS 463 CF

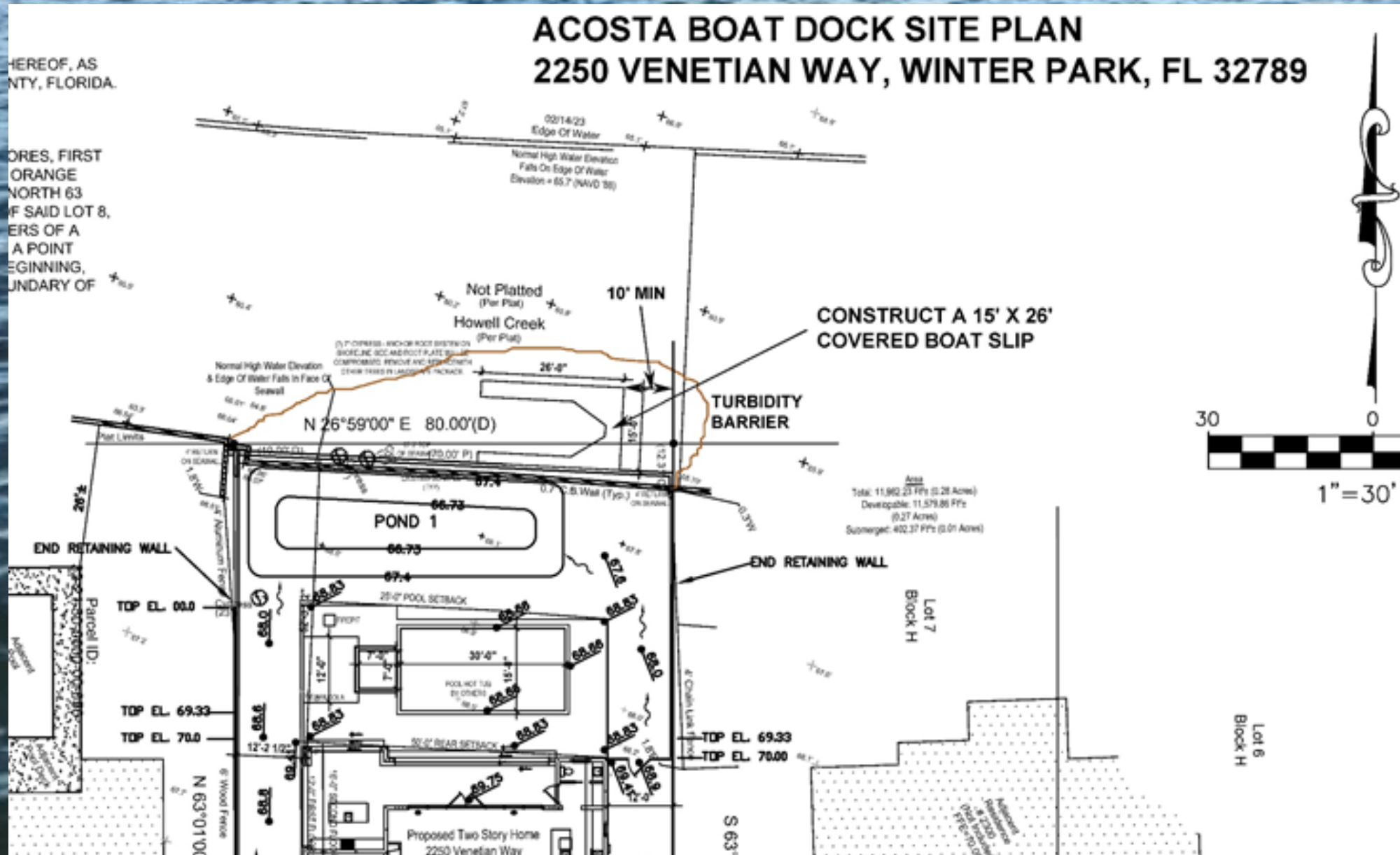
482 C.F. PROVIDED IN ONE POND

POND 1: IRREGULAR 8" DEEP 482 C.F.



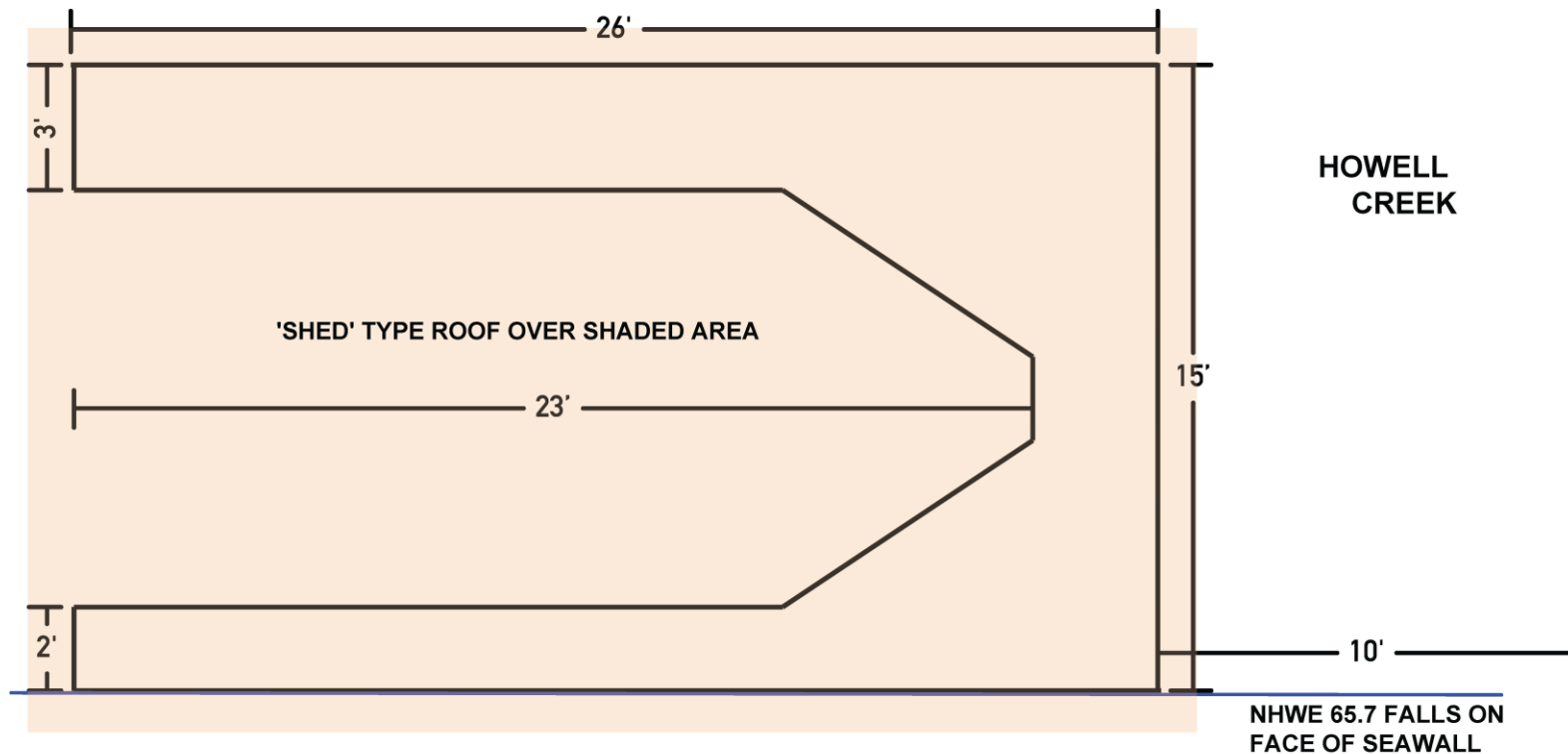
STEVE L. MELLICH STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NUMBER 38733. THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY STEVE L. MELLICH, P.E. ON THE DATE SHOWN USING A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Plans



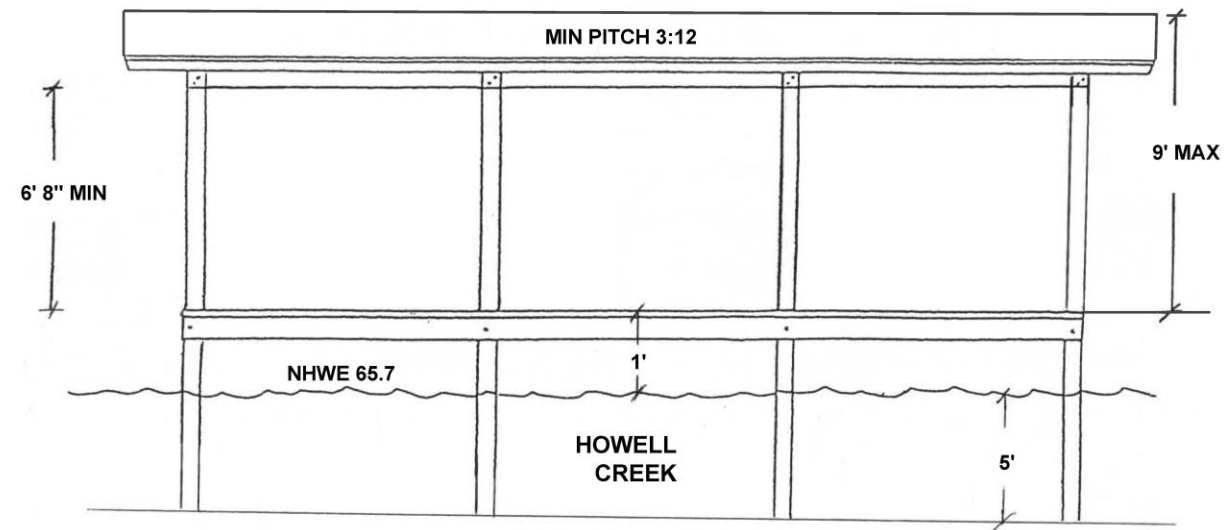
Plans

ACOSTA BOAT DOCK PLAN VIEW
2250 VENETIAN WAY
WINTER PARK, FL 32789



Plans

ACOSTA BOAT DOCK ELEVATION
2250 VENETIAN WAY
WINTER PARK, FL 32789





Lakes & Waterways Board

agenda item 4.b

item type

Public Hearings (Public participation and comment on these matters must be in person.)

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Seawall Reventment Application (SAP-2024-0013) 2250 Venetian Way

motion | recommendation

Staff recommends approval.

background**alternatives | other considerations****fiscal impact****attachments**

1. SAP-2024-0013 - 2250 Venetian Way



REVETMENT APPLICATION

SAP-2024-0013

2250 Venetian Way

- Applicant: Jason Acosta
- Contractor: American Boathouse Company
- Permitting Agent: Sheila Cichra
- Structure: Seawall
- New/Existing: Existing
- Waterbody: Howell Creek

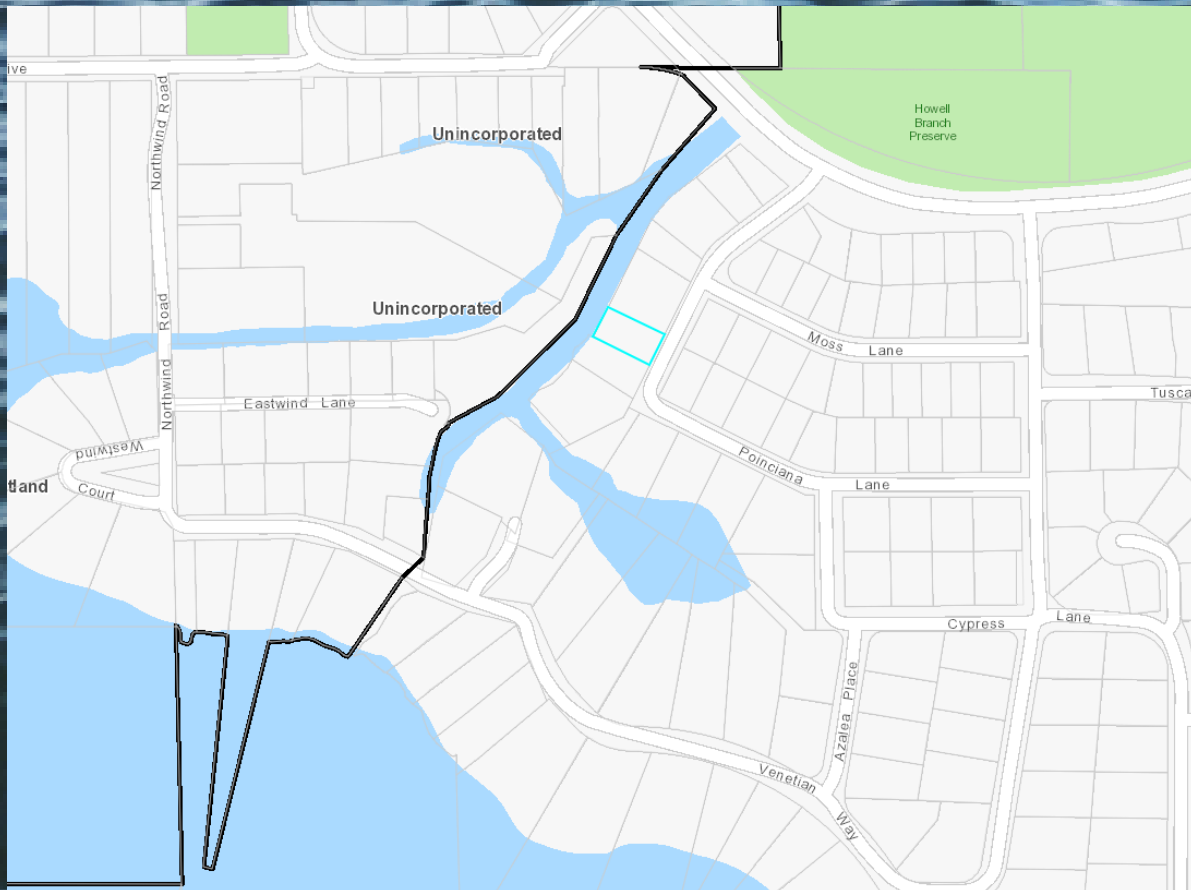
Parameters

Parameter	Proposed	Allowed	Variance Req.?
Length (ft)	80'	N/A	No
Slope (Horizontal:Vertical)	No Revetment	2:1 min	No
Material	Vinyl	N/A	N/A
Existing Erosion Problem (Yes/No)	Yes	Must have existing erosion problem	N/A
Meet Vegetation Criteria?	NA	50% may be cleared	N/A

Staff Recommendation: Approval
Reviewed by: Joey Cordell

Map View

Basemap



Aerial View



Photos



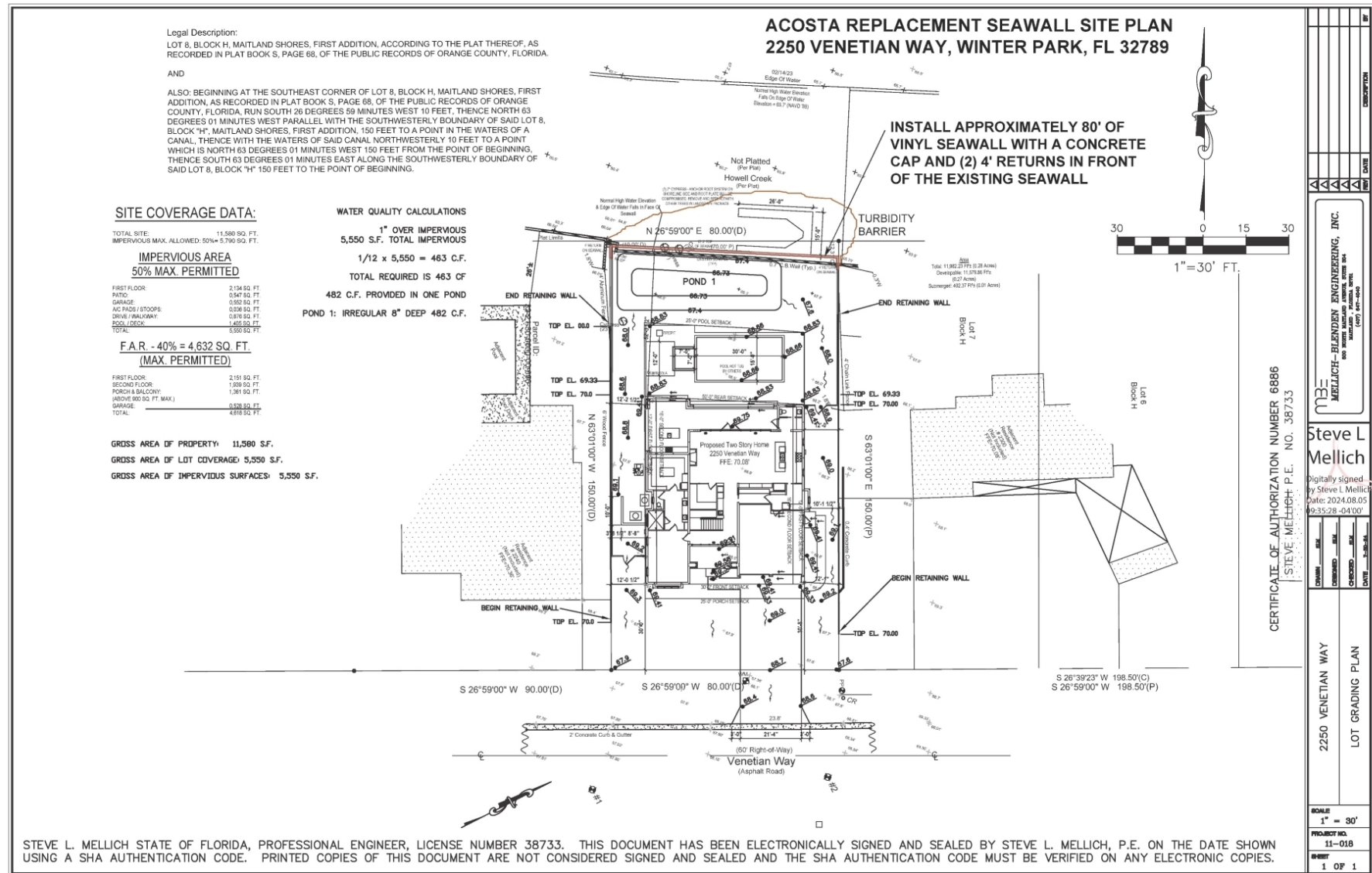
Photos



Photos

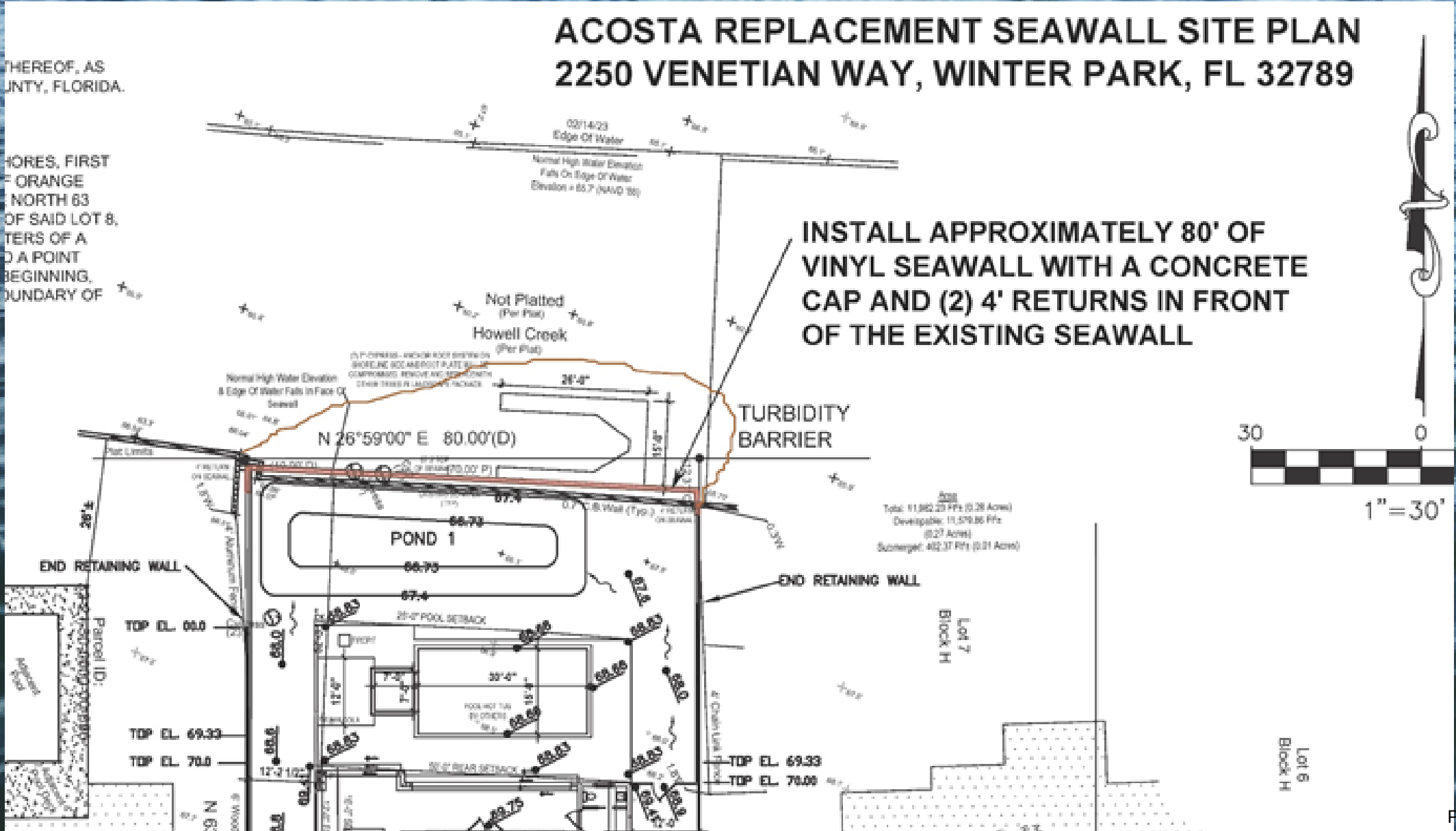


Survey



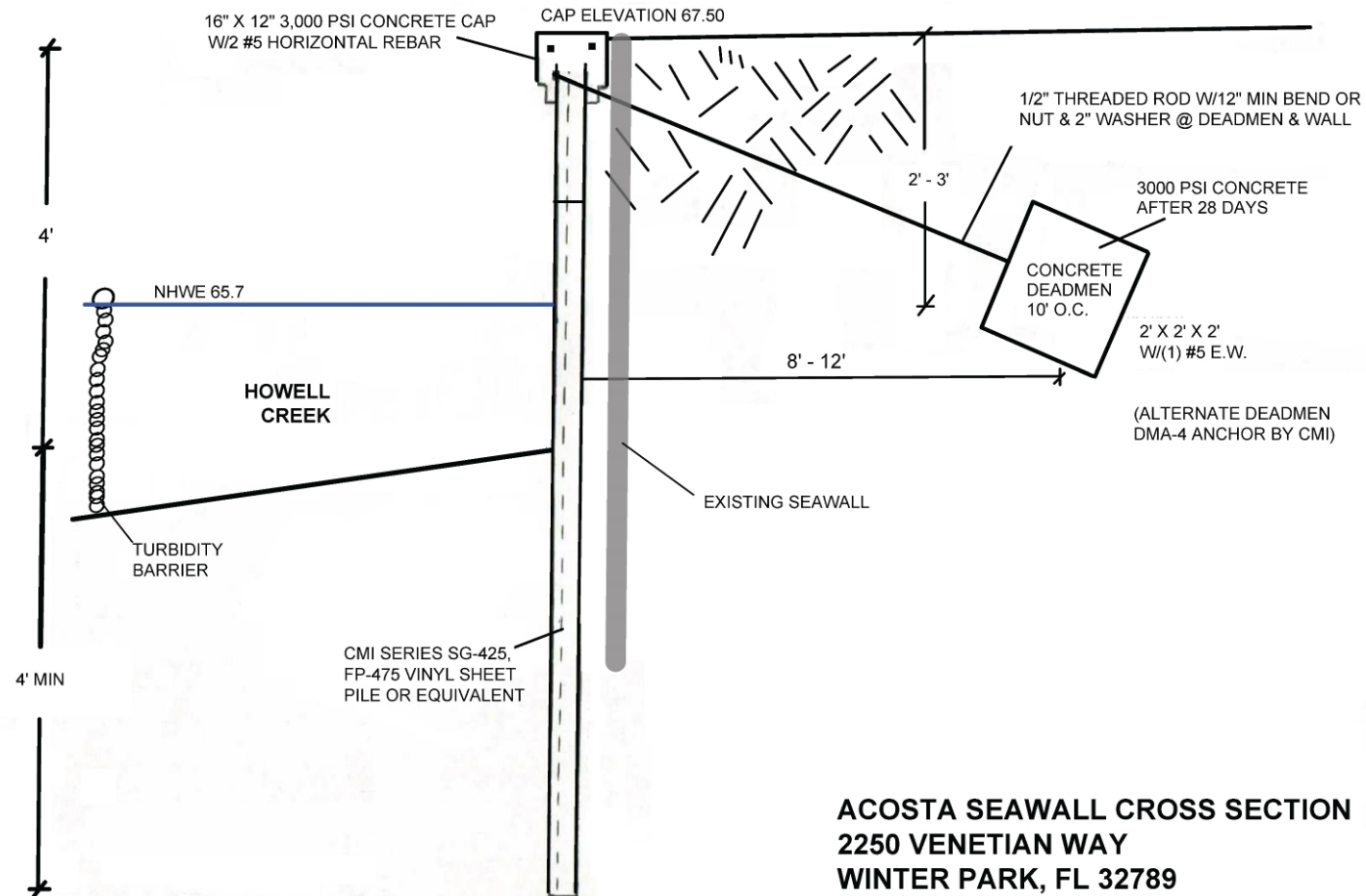
ACOSTA REPLACEMENT SEAWALL SITE PLAN
2250 VENETIAN WAY, WINTER PARK, FL 32789

INSTALL APPROXIMATELY 80' OF VINYL SEAWALL WITH A CONCRETE CAP AND (2) 4' RETURNS IN FRONT OF THE EXISTING SEAWALL



Cross section

INSTALL APPROXIMATELY 80' OF VINYL SEAWALL WITH A CONCRETE CAP AND (2) 4' RETURNS IN FRONT OF THE EXISTING SEAWALL



ACOSTA SEAWALL CROSS SECTION
2250 VENETIAN WAY
WINTER PARK, FL 32789



Lakes & Waterways Board

agenda item 4.c

item type

Public Hearings (Public participation and comment on these matters must be in person.)

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Boathouse/Dock Application (BLDR-2024-0678) 201 Osceola Ct.

motion | recommendation

background

alternatives | other considerations

fiscal impact

attachments

1. BLDR-2024-0678 - 201 Osceola Ct



LAKE SHORELINE BOATHOUSE/DOCK APPLICATIONS

BLDR-2024-0678

201 Osceola Ct

- Applicant: Teresa Williams
- Contractor: Q-Ice Builders
- Permitting Agent: Nicklaus Adams
- Structure: Dock
- New/Existing: New
- Waterbody: Lake Osceola

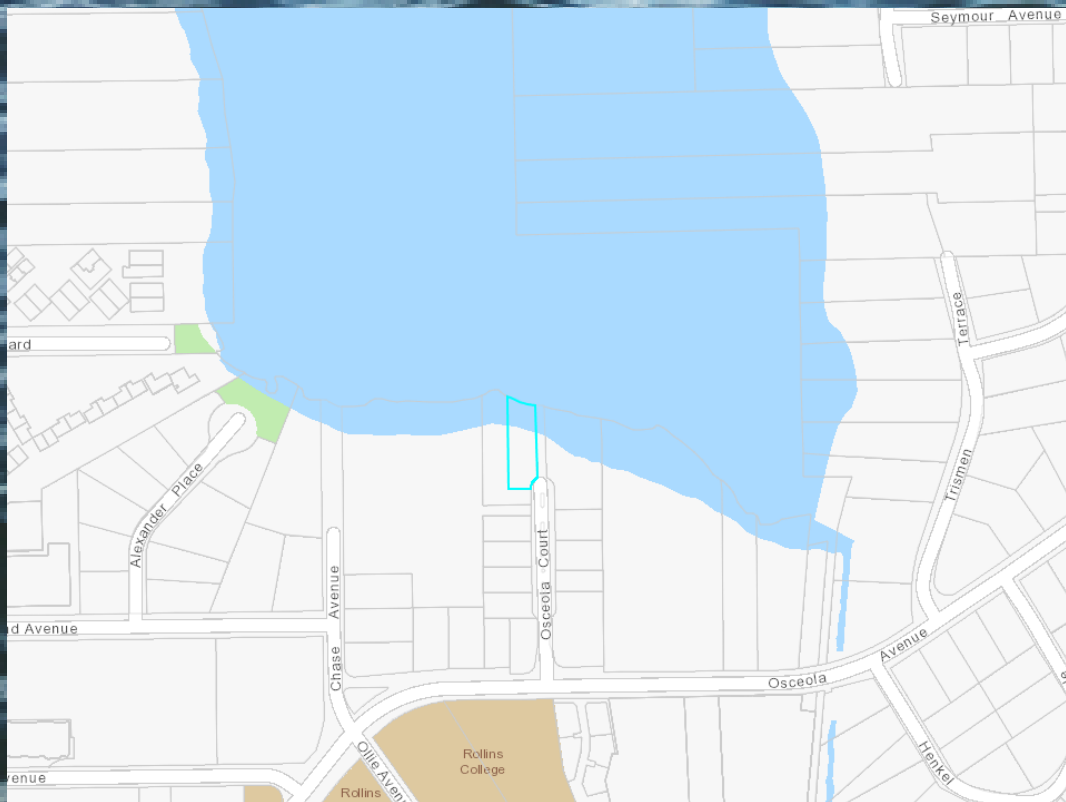
Parameters

Dock Parameter	Proposed	Allowed	Variance Req.?
Total Area (ft ²)	480	600 max	No
Length from OHW (ft)	30'	30'	Yes
Height of Roof (ft above deck)	11'	11 max	NA
Height of Deck (ft above OHW)	18"	2 max	No
Enclosures	N/A	80 ft ² max (no plumbing/water allowed)	NA
Side Yard Setback(s) (ft)	10'	10' min (5' with Letter of No Objection)	No
Meet Vegetation Criteria?	Yes	50% may be cleared	N/A

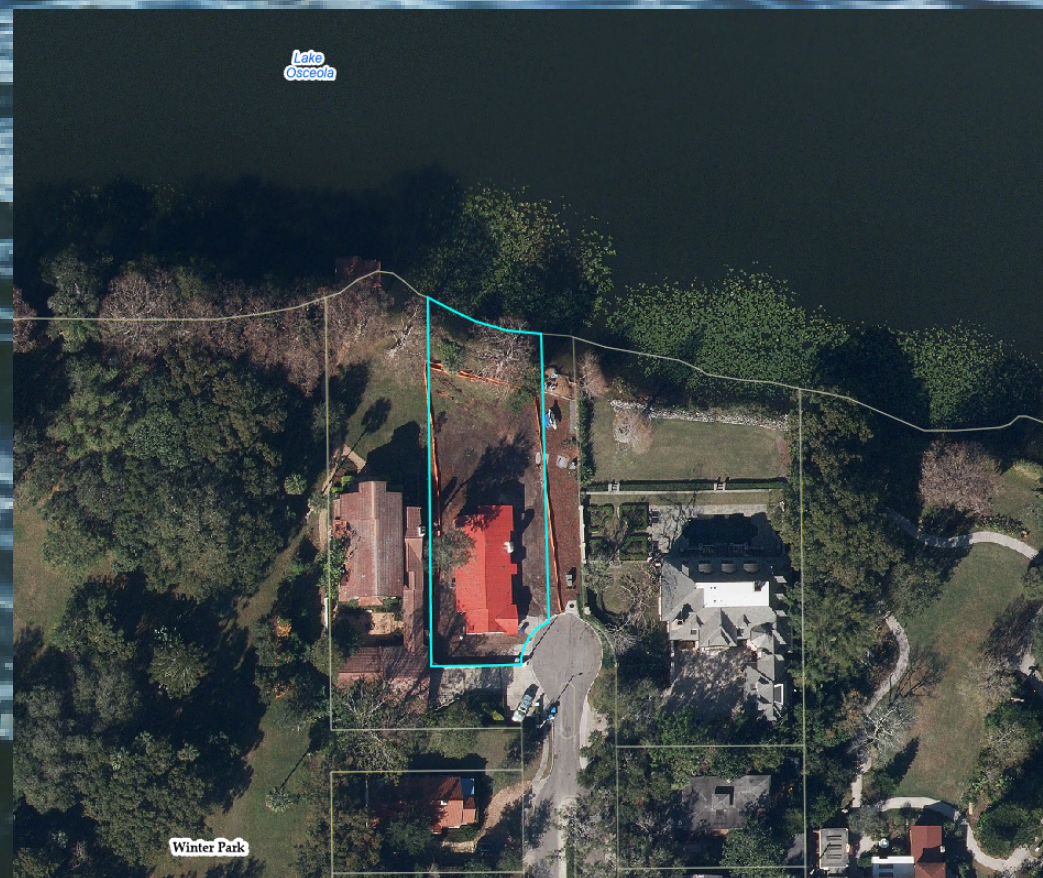
Staff Recommendation: Approval
Reviewed by: Joey Cordell

Map View

Basemap



Aerial View



Photos



Photos



Osceola Lake
Lake Elevation: 65.7'

Normal High Water Line
Elevation = 86.7' (NAVD 88)
(Per City Of Winter Park Lake
Fact Sheet)

Edge Of Water
(03/08/23)

15' Palm
32" Cypress
15' Cypress

70.6(P)
71.01(M)
S 75° 11' 57" E

0.7' C.B. Retaining Wall
Top: 67.42

Set 1/2" Rebar
& Cap "LB # 7623"
Elevation: 75.78'

Set 1/2" Rebar
& Cap "LB # 7623"
Elevation: 79.07'

12" PVC Pipe

Sanitary Manhole

Lot Station
Curb Box
Electric
Box

Area (To Edge
Of Water):
12,333.57 Ft² ±
(0.28 Acres)

Approximate Location of
500 Year Flood Line
(Scaled Per F.I.R.M.)

20' Easement
(Per F.I.R.M., Page 556)

100 Year Flood Line
Elevation = 68.3' (NAVD 88)
(Per F.I.R.M.)

Flood Zone "AE"

Flood Zone "X500"

Flood Zone "X"

Lot 8
171.50(P)
N 00° 54' 54" W 171.32(M)
"BB"

Residence
#192
FFE - 76.53'

Lot 9
Block A
Vacant
(03/08/23)

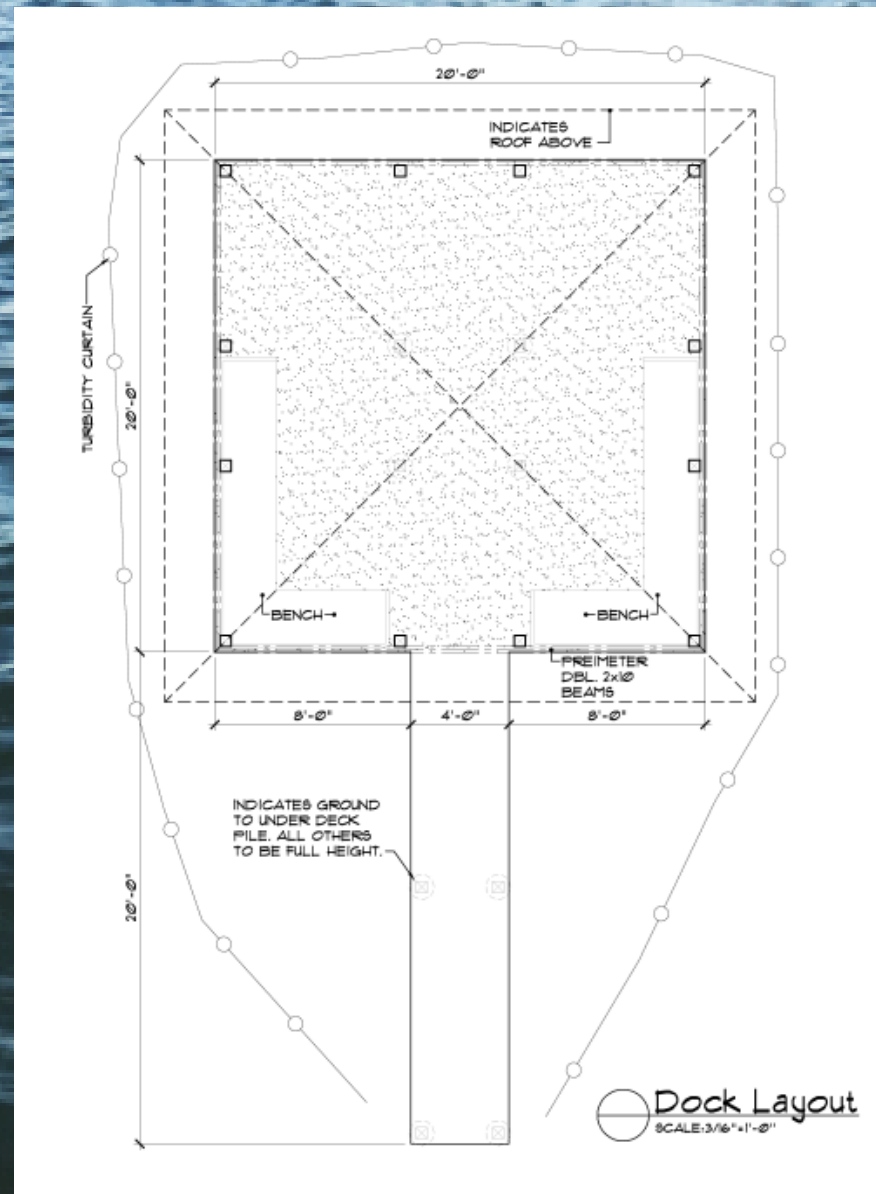
Lot 7
Block B

S 00° 54' 54" E 125.53(M)
125.50(P)
20.5' Alley

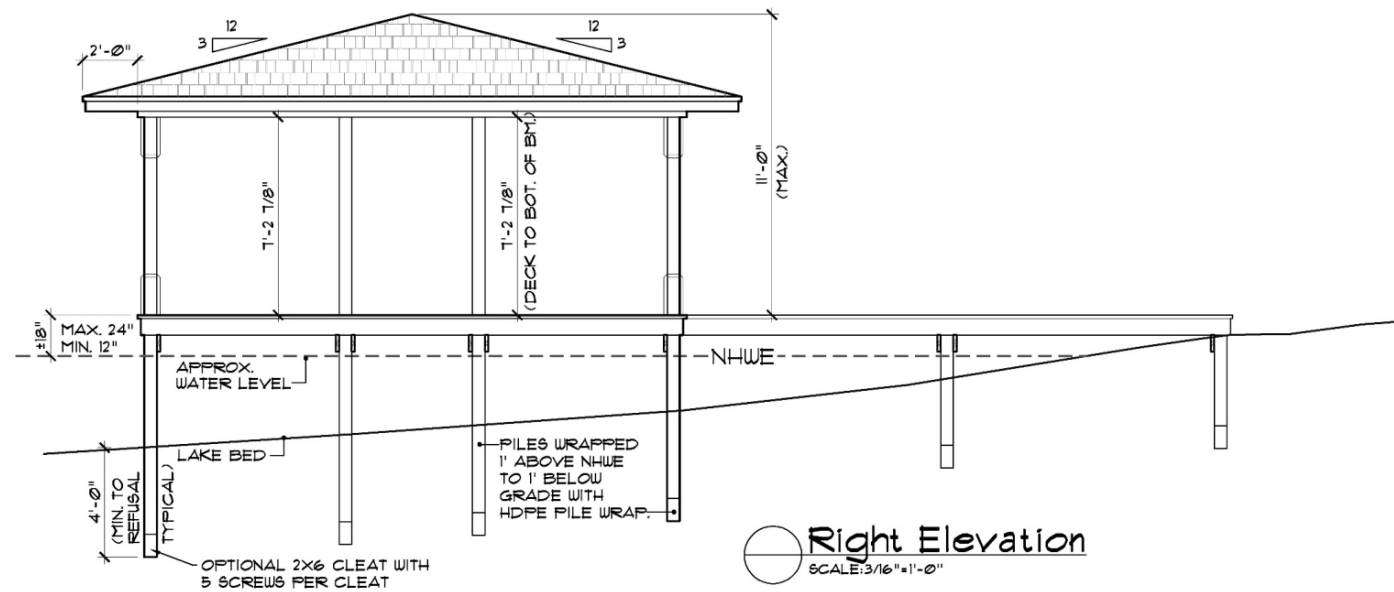
Site Plans



Plans



Plans





Lakes & Waterways Board

agenda item 5.a

item type

Action Items

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Shoreline Permitting Fees

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

1. Fee Schedule NRS

NATURAL RESOURCES AND SUSTAINABILITY

Shoreline Alteration Permit:

Vegetation removal	No fee
Revetment or seawall.....	100.00 (C)
Violation of Shoreline Protection Code	1,000.00 (C)

Dock site plan 2nd review (includes dock and boathouse): 100.00 (C)

Violation of fertilizer use standards:

1 st violation (written notice and warning)	0.00 (M)
2 nd violation (non-commercial applicators)	60.00 (M)
2 nd violation (commercial applicators)	100.00 (M)
3 rd and subsequent violations	300.00 (M)

Keep Winter Park Beautiful & Sustainable:

Personalized park benches, various locations	3,500.00 (M)
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Lakes & Waterways Board

agenda item 7.a

item type

Staff Updates

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Winter Park Police Department

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None



Lakes & Waterways Board

agenda item 7.b

item type

Staff Updates

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Lakes Management

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

1. Lakes Update 2024.09



Lakes and Waterways Advisory Board

September 2024

Lakes Updates

- Asian Swamp Eels
- NRCS Updates
- Shoreline Violations Updates
- Plant of the Month
- Past & Upcoming Events:
 - Spark Day Aug 24th Howell Branch Preserve
 - Fix It! Don't Pitch It Sep 7th
 - Wood Duck Workshop Sept 14th
 - Paddleboard Clean Up Sept 14th
 - Sustainability Fair & EV Car Show Sep 21st
 - Get Hooked! Oct 5th
 - Lake Temple and Tuscany Restoration Oct 19th

Asian Swamp Eels

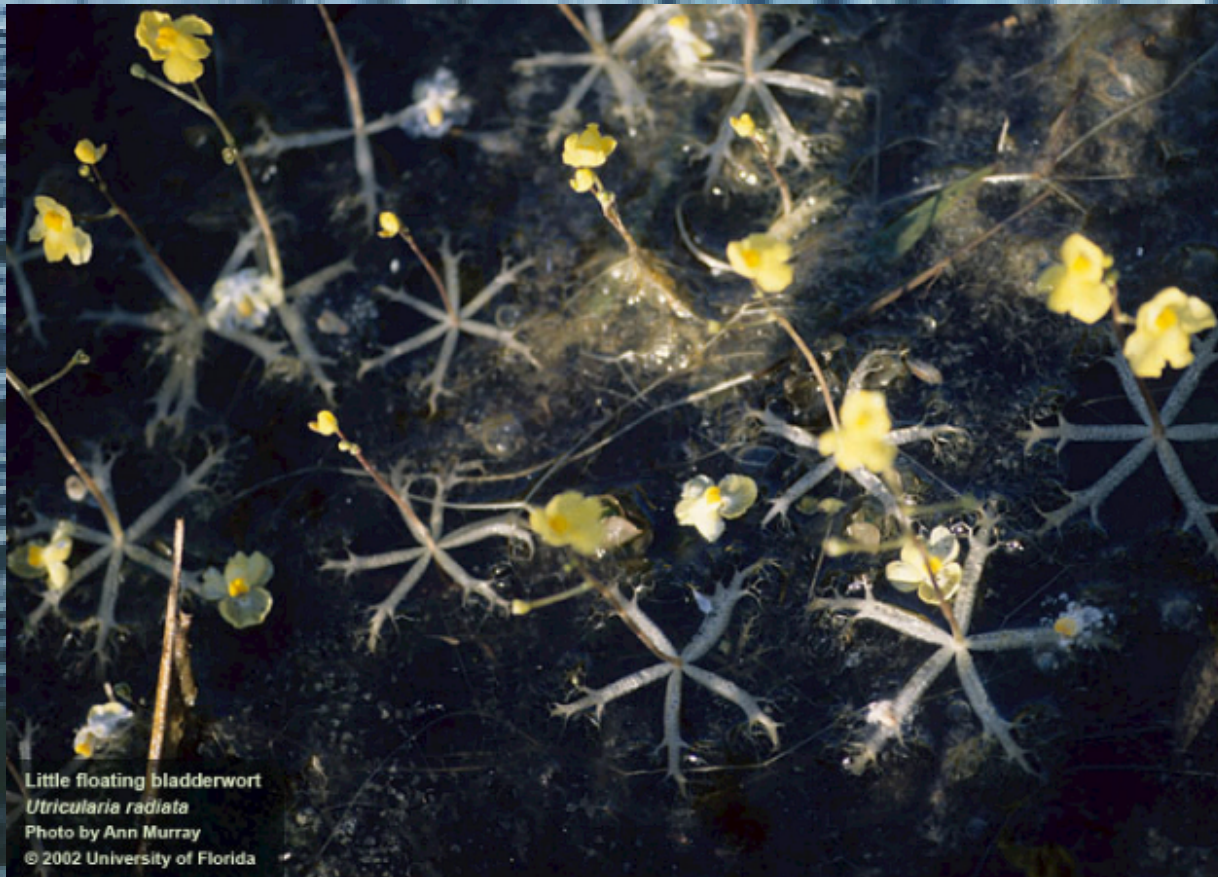


Asian Swamp Eels



Plant of the Month

Bladderwort *Utricularia* spp.



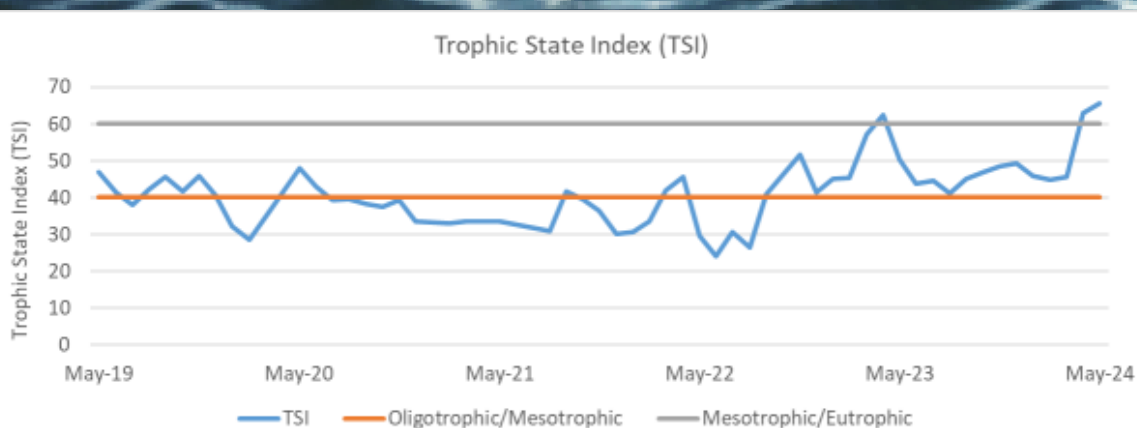
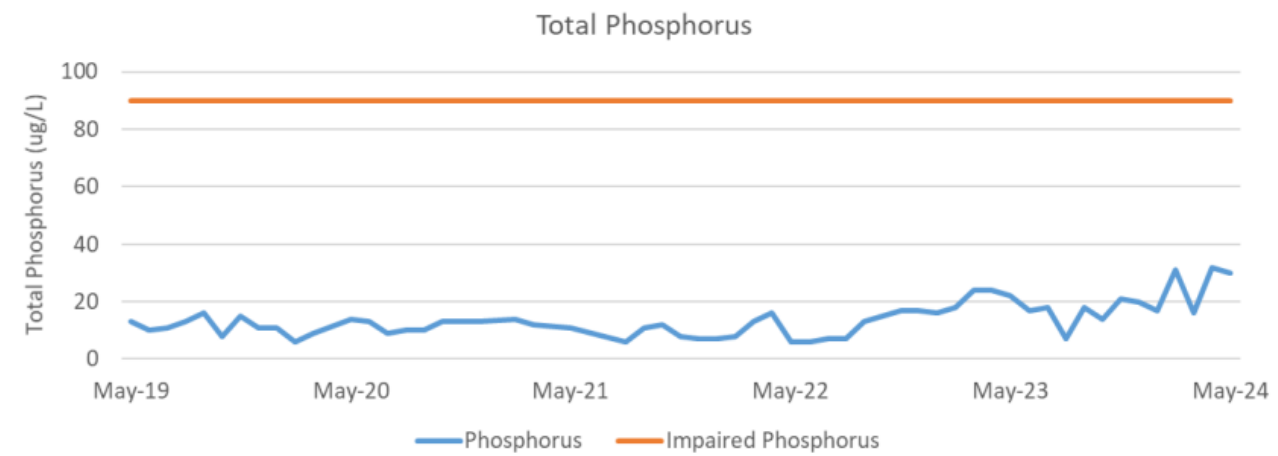
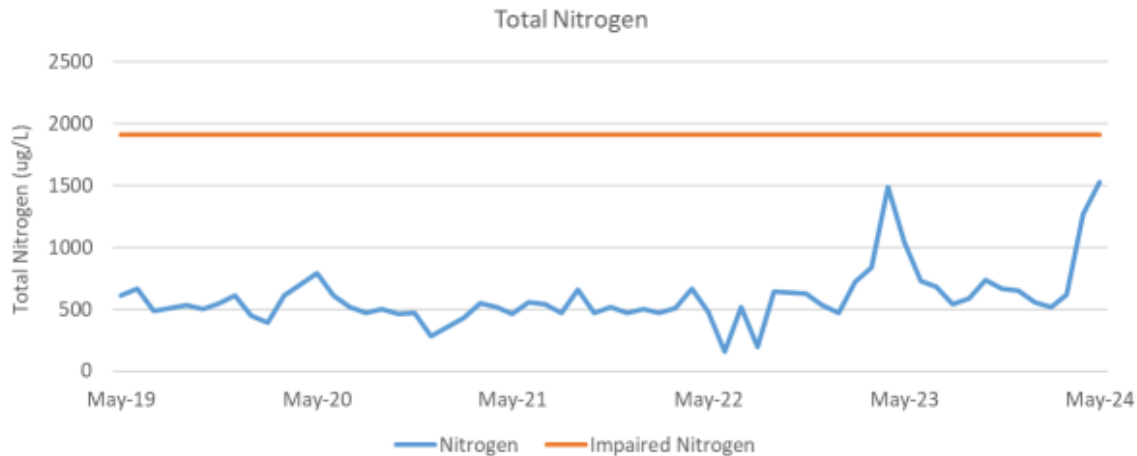
Plant of the Month

Bladderwort *Utricularia* spp.

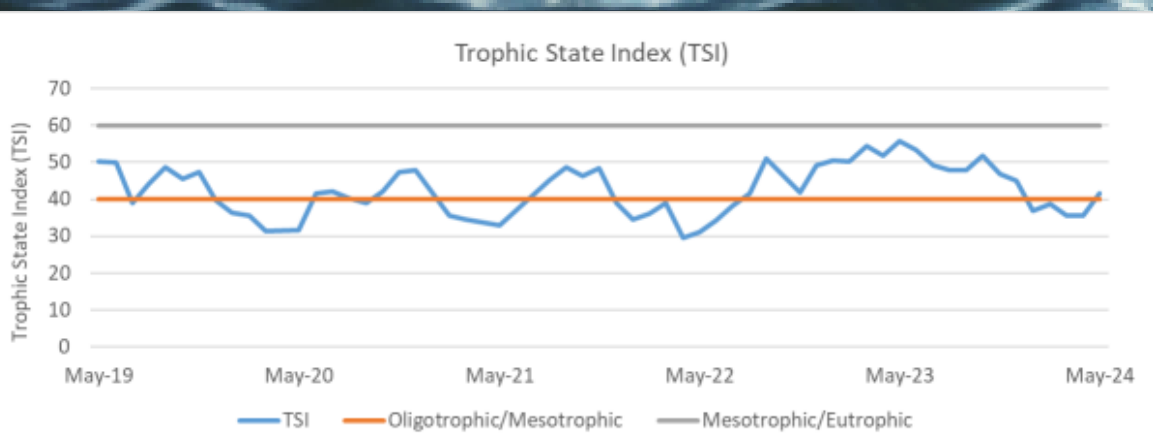
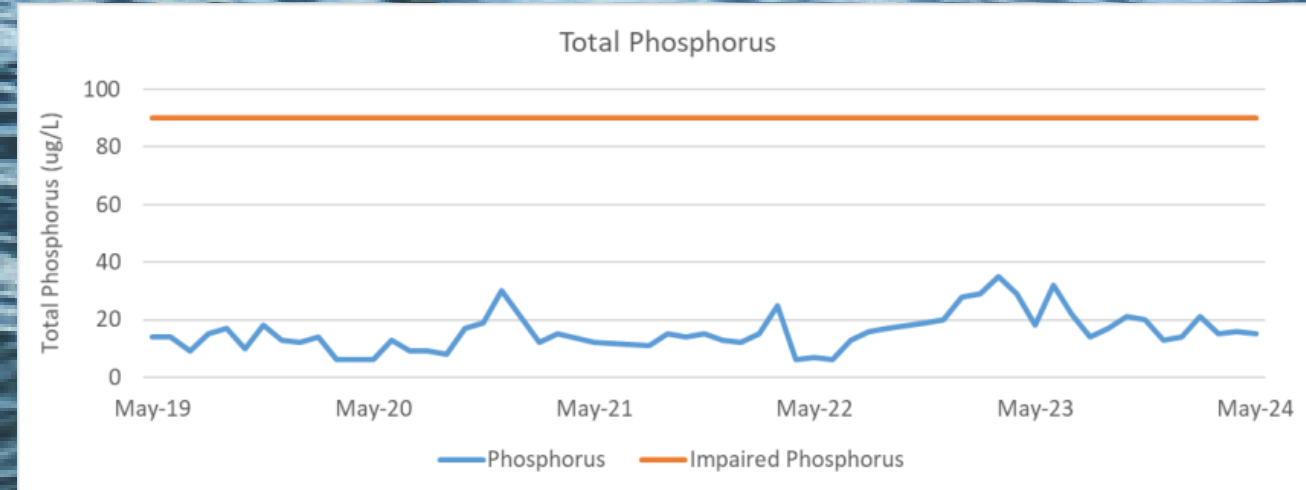
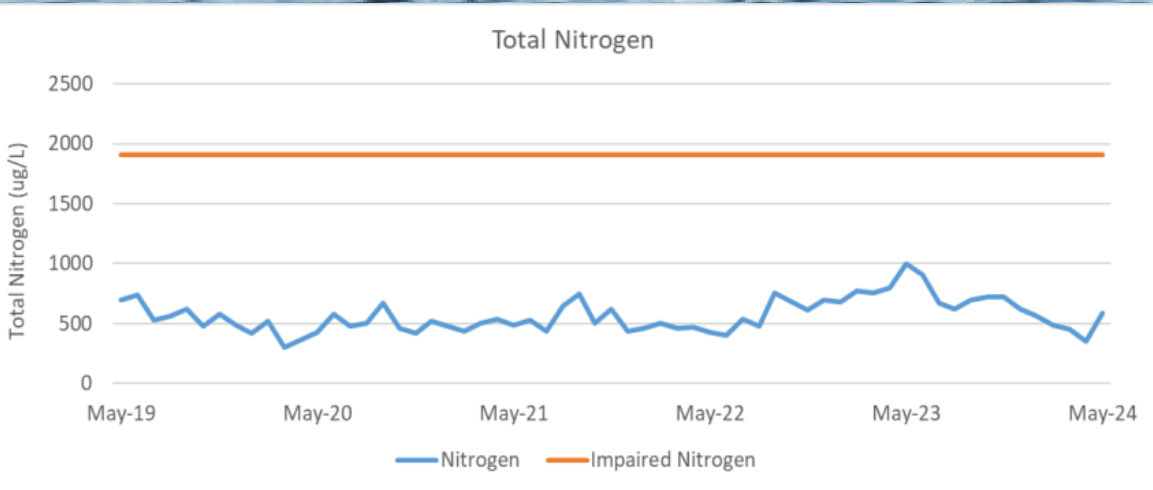


Utricularia spp.
1996 Kerry Dressler

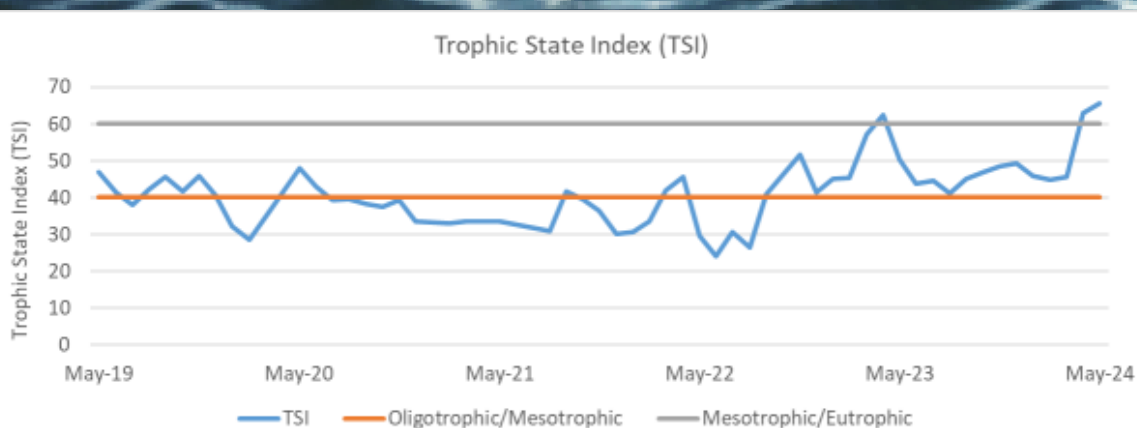
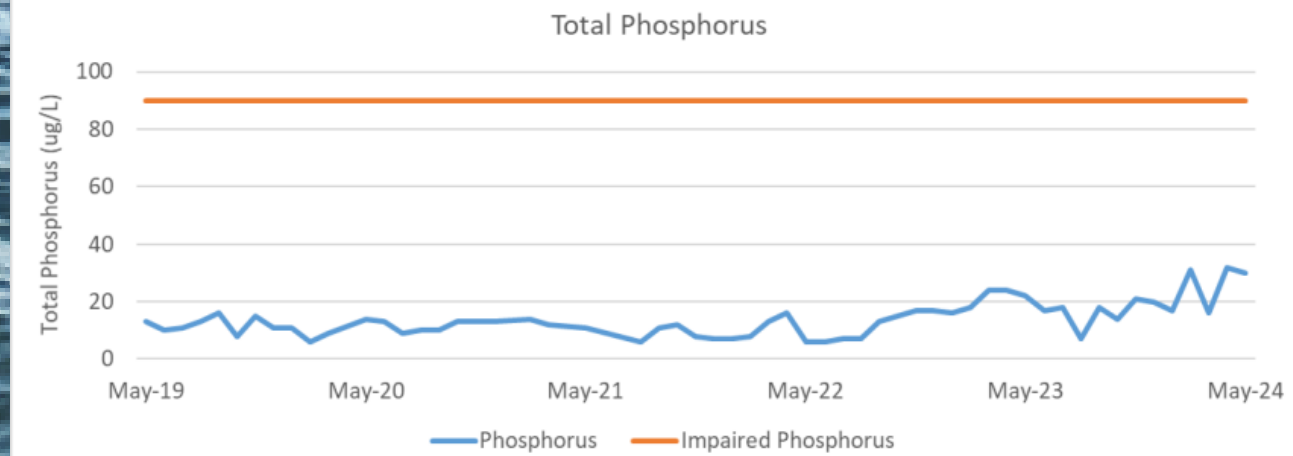
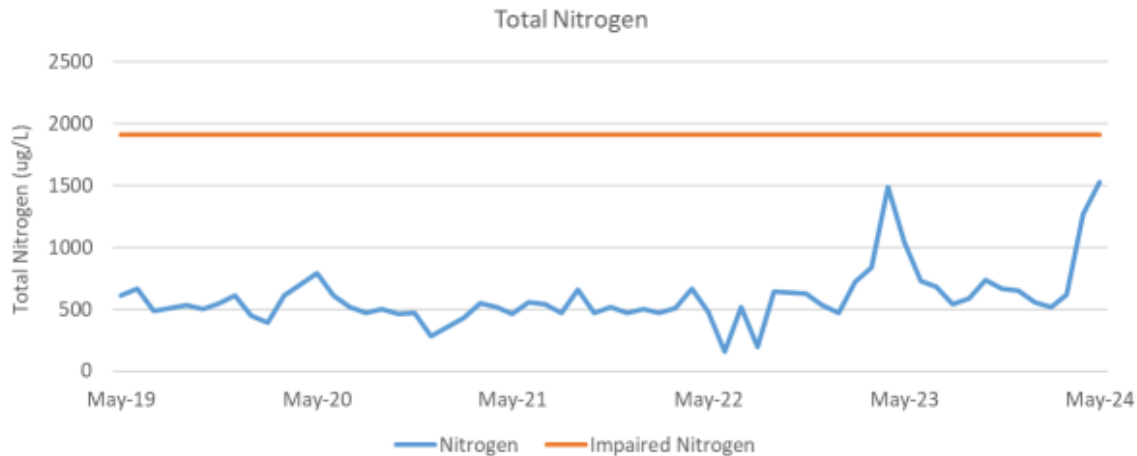
Lake Maitland



Lake Virginia

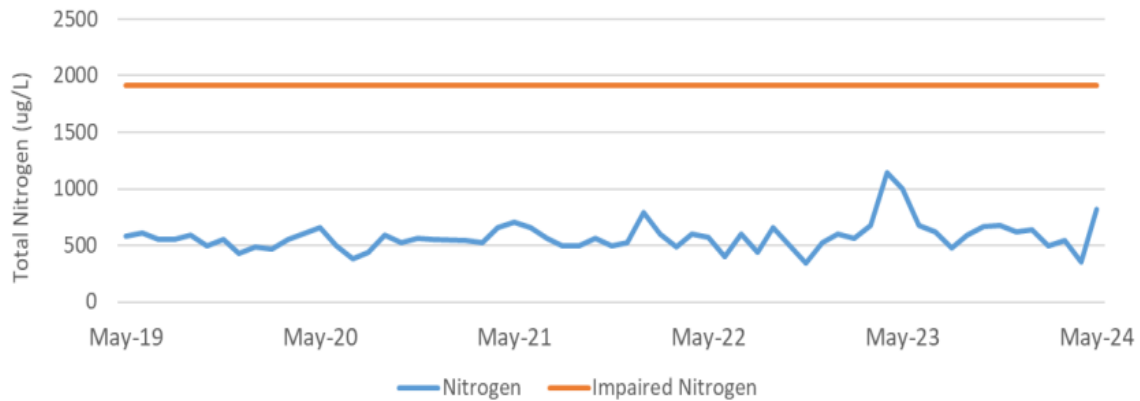


Lake Maitland

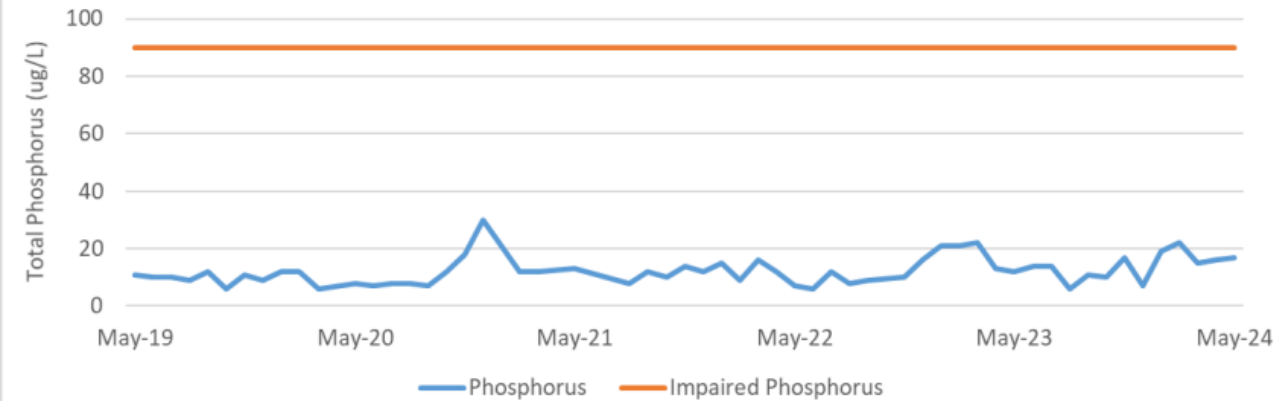


Lake Osceola

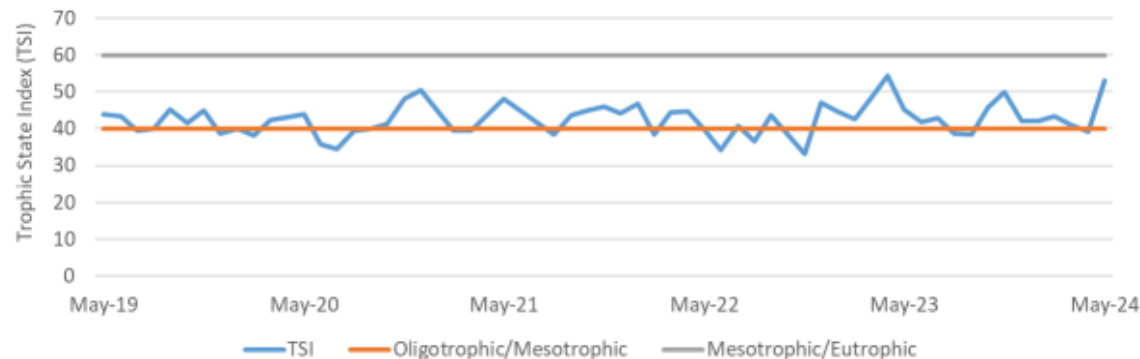
Total Nitrogen



Total Phosphorus



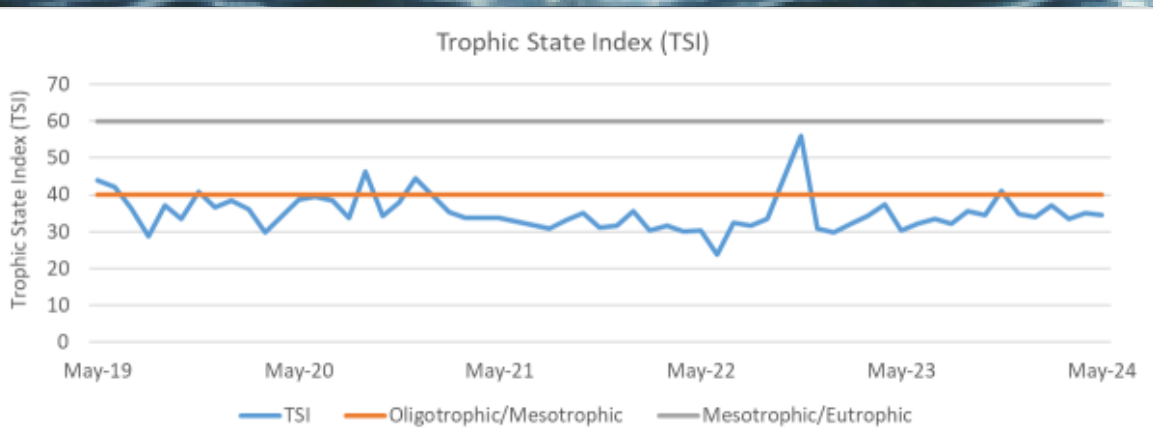
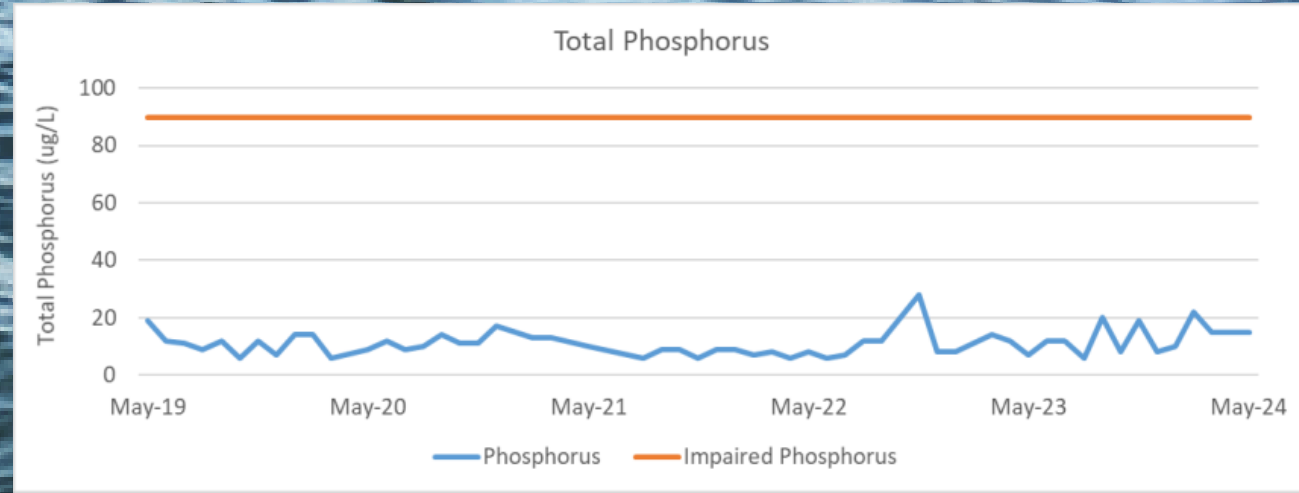
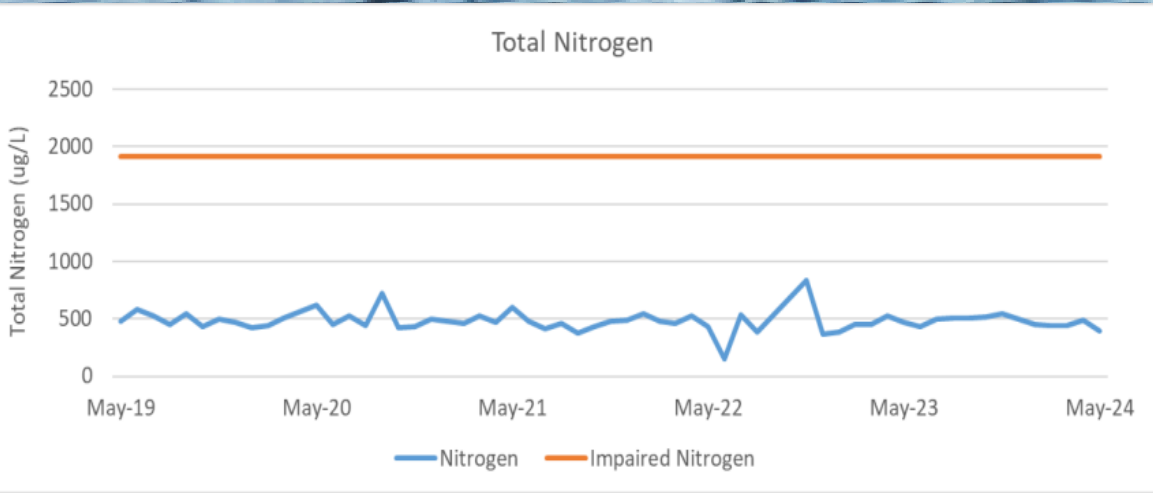
Trophic State Index (TSI)



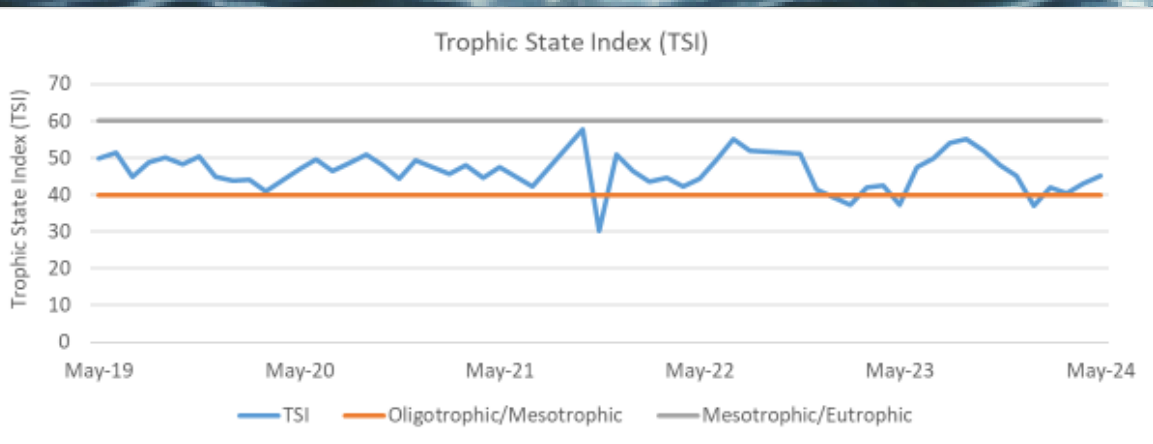
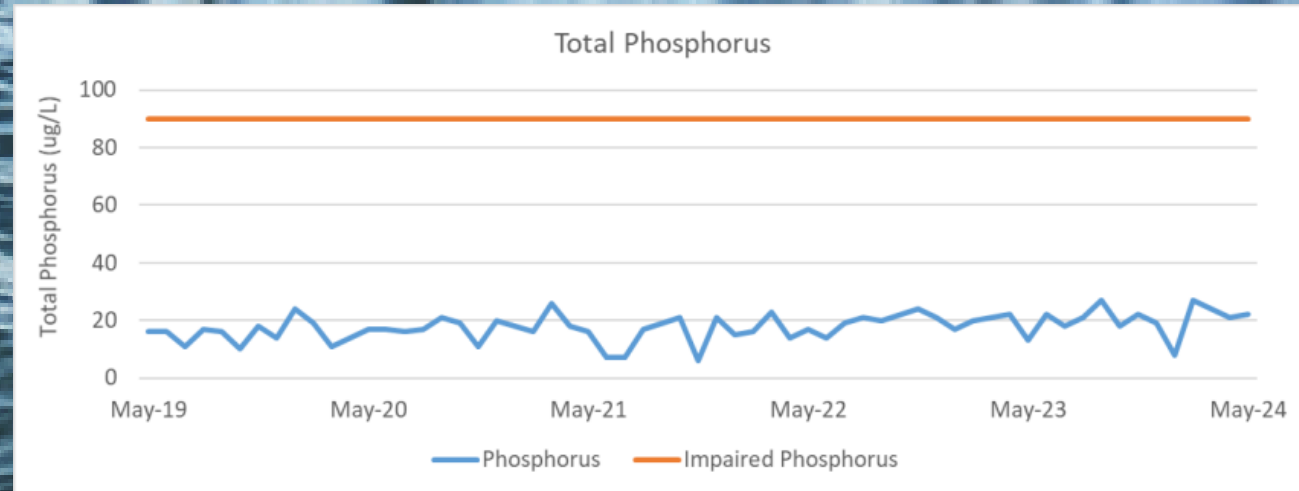
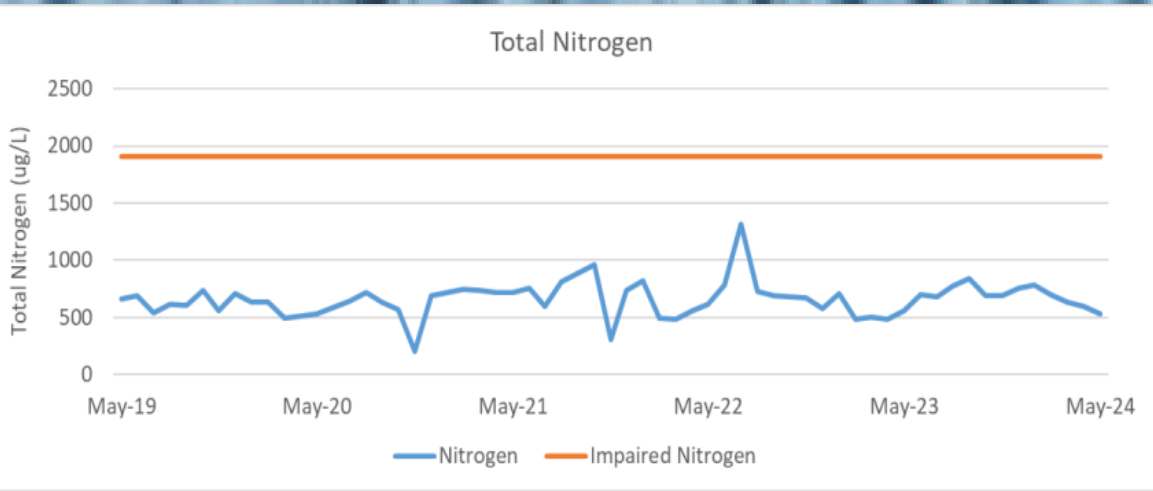
Clarity



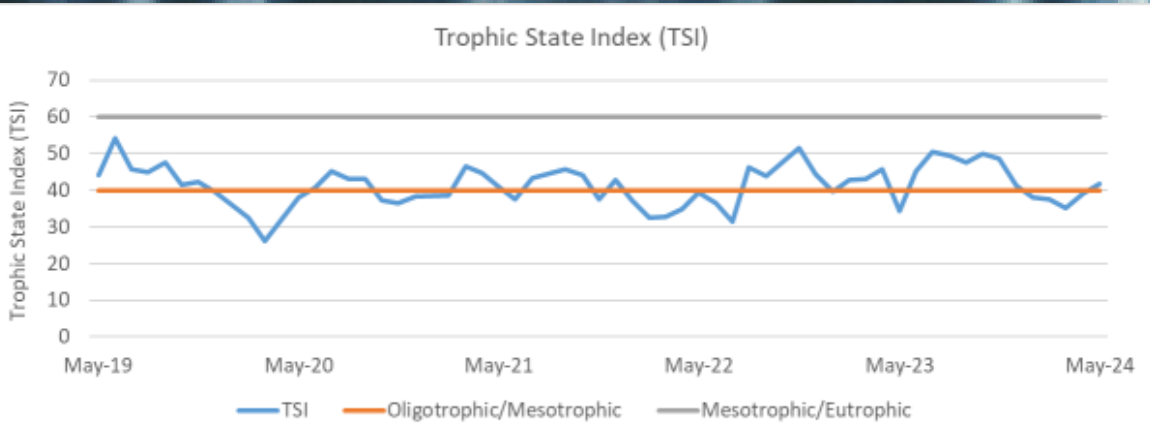
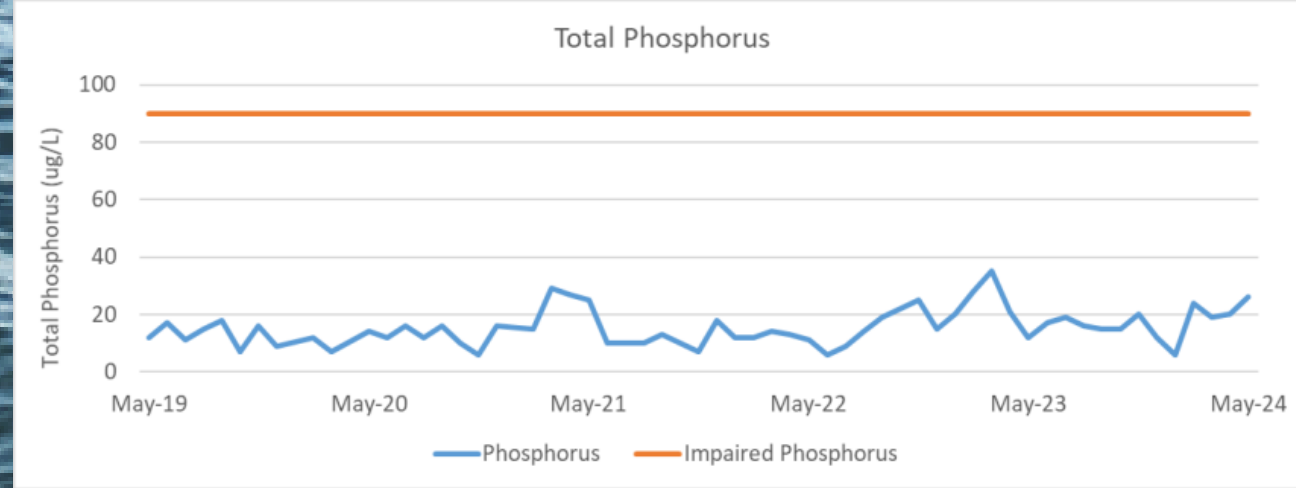
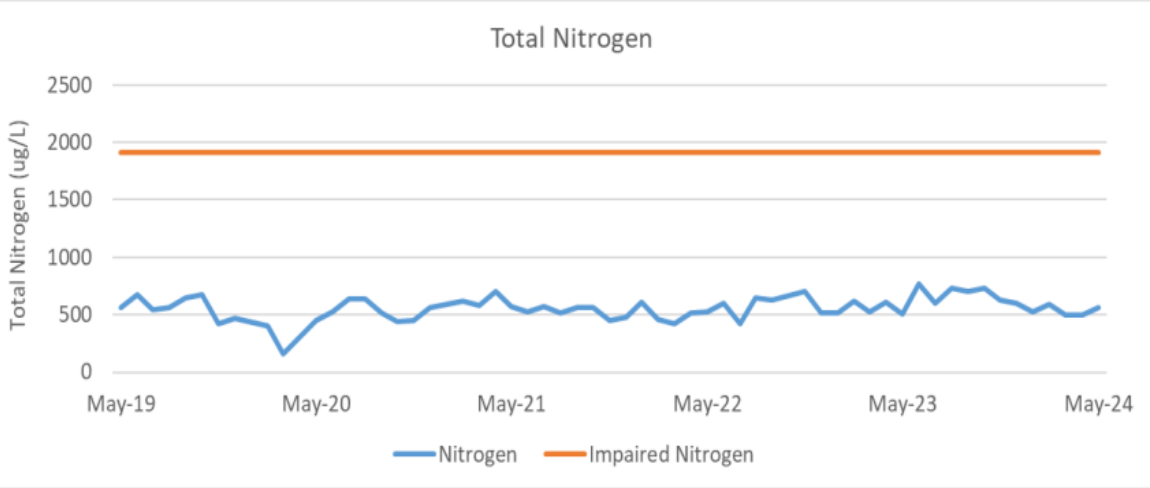
Lake Mizell



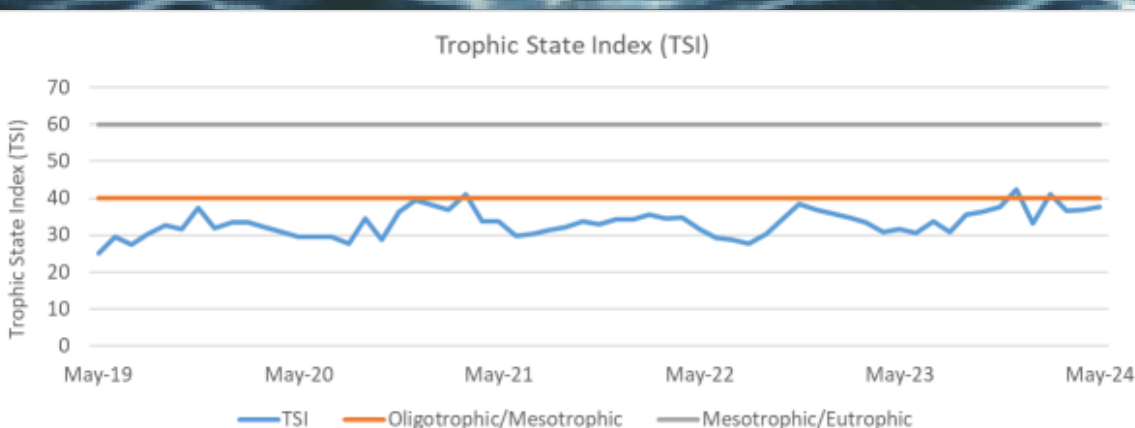
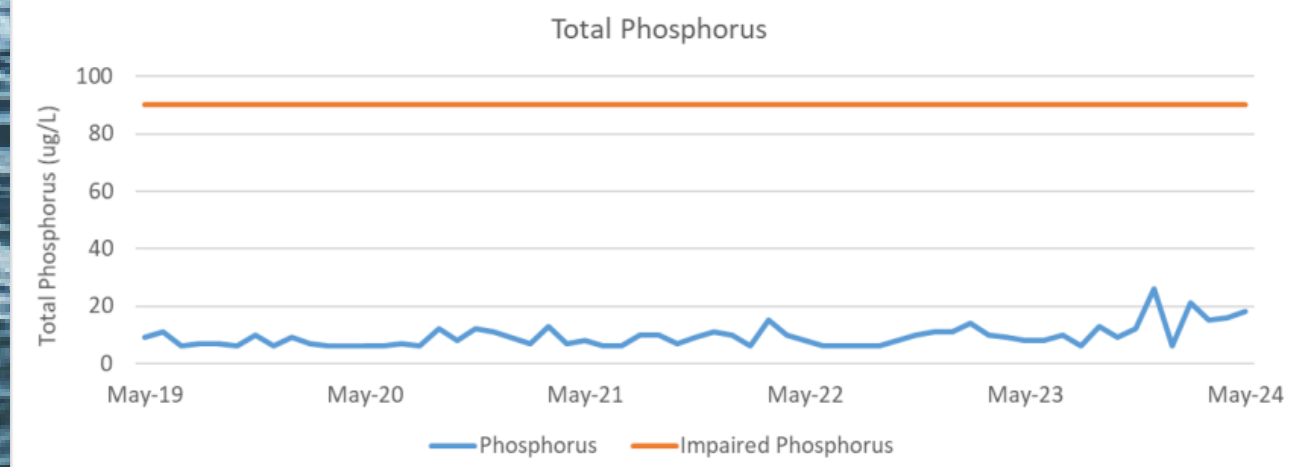
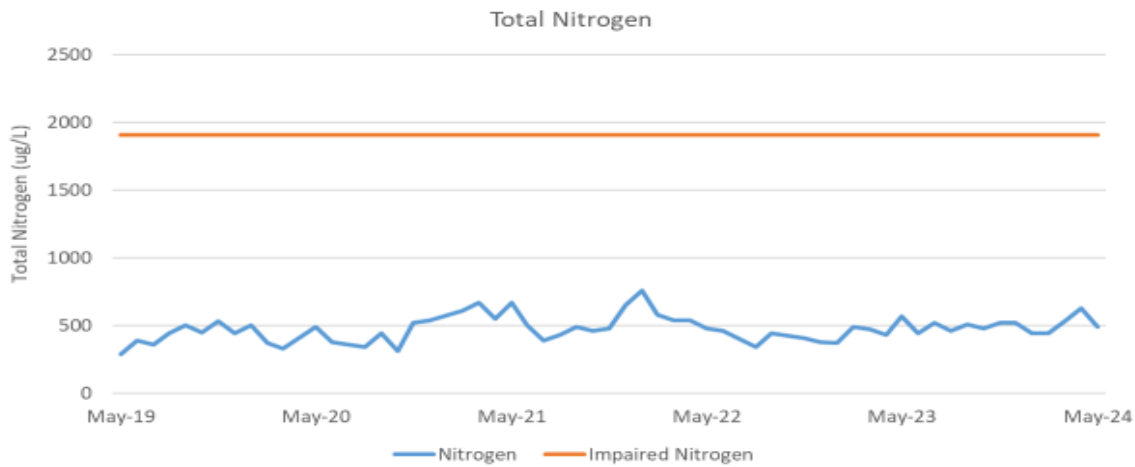
Lake Sue



Lake Berry

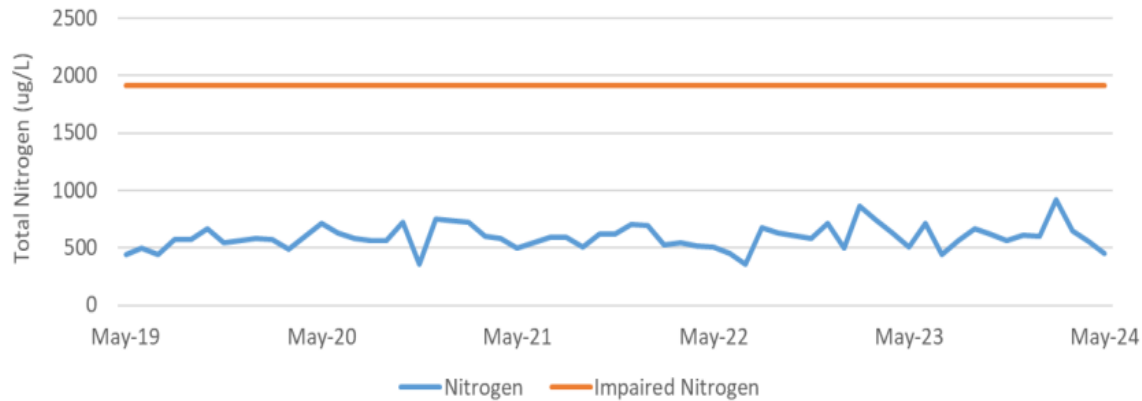


Lake Killarney

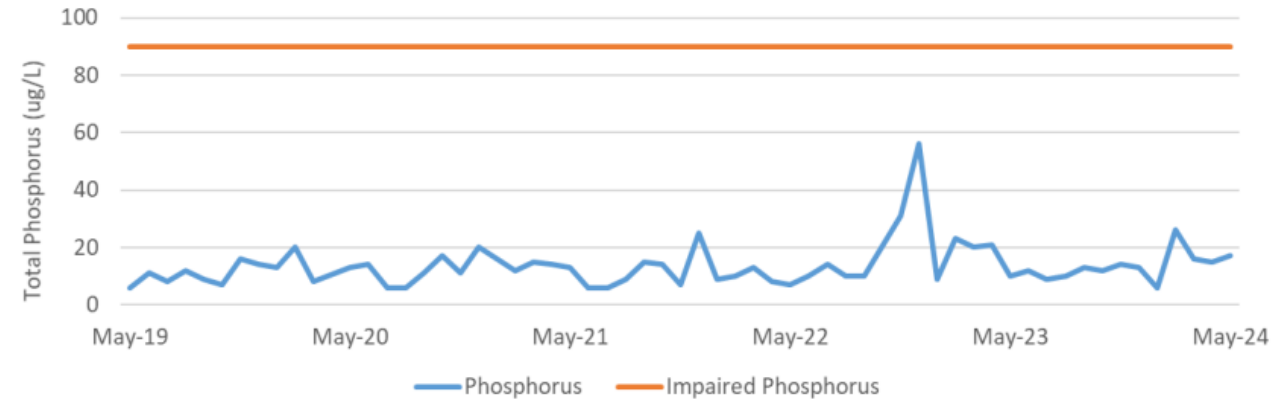


Lake Baldwin

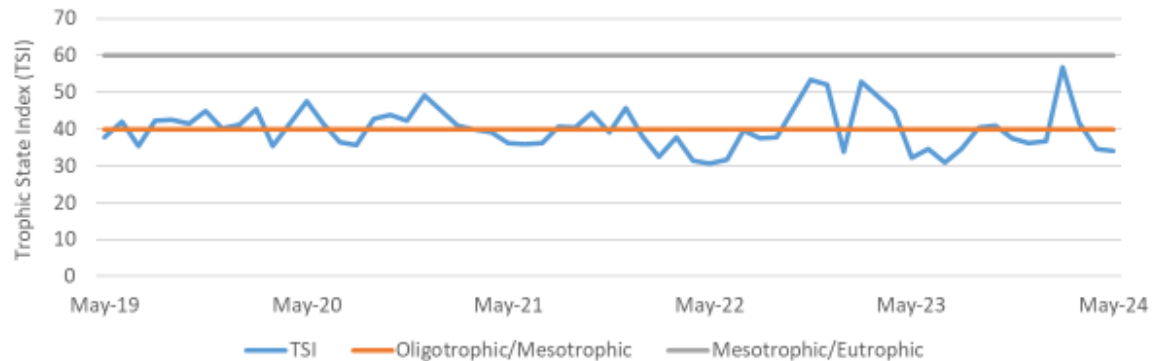
Total Nitrogen



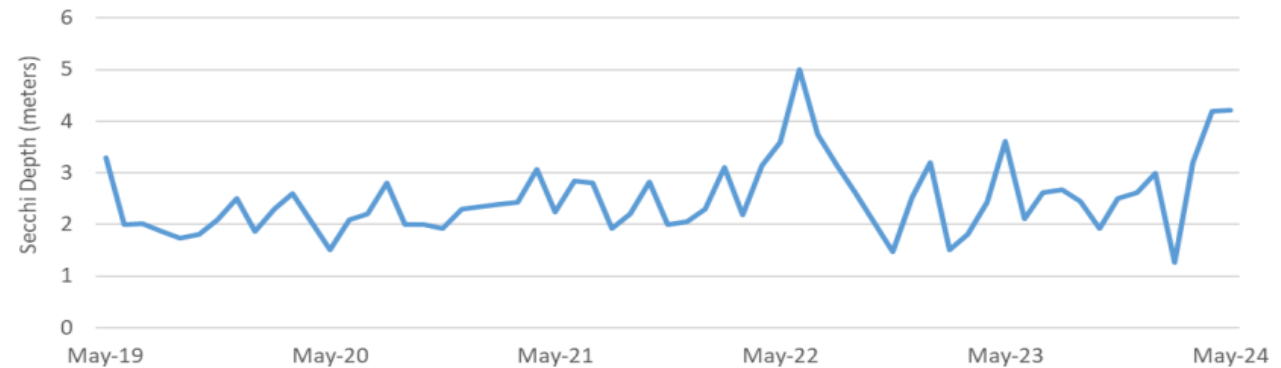
Total Phosphorus



Trophic State Index (TSI)



Clarity





Lakes & Waterways Board

agenda item 7.c

item type

Staff Updates

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Past & Upcoming Events

- Howell Branch Clean-up - 8/24 9a @ 2917 Temple Trail
- Fix it! Don't Pitch It - 9/7 9a @ Winter Park Events Center
- Orange County Lake Killarney Advisory Board Meeting - 9/12 5p @ Public Safety Building (500 N Virginia Ave)
- Paddleboard Clean-up - 9/14 9a @ Kraft Azalea to Dog Island
- Wood Duck Box Workshop - 9/14 9a @ MLK Jr. Park
- Sustainability Fair & EV Car Show - 9/21 9a @ West Meadow
- Get Hooked! - 10/5 7a @ MLK Pond
- 2024 Backyard Biodiversity Day - 10/19 9a @ Mead Garden
- Lake Shoreline Restoration - 10/19 9am @ Temple & Tuscany

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None



Lakes & Waterways Board

agenda item 7.d

item type

Staff Updates

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Stormwater Management

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

1. SW Update 9.24 Lakes and WW Board

Staff Update

Stormwater Management

Stormwater Management – CIP

ACCT #	CIP Title & Description	Original Year Funded	Current Balance	Status/Comments
565200	Drainage Improvements - Recent years of unusually heavy rainfall events have revealed several substandard drainage conditions in various locations throughout the City.	Annually Funded	\$42,964	Several in-house drainage improvements projects for 2023-24 - Completed replacement of 70ft of 24 inch RCP crossing Joeline Court, and 120ft of 18 inch HDPE at the north end of Laurel Road. Upcoming - add another inlet and pipe at 1622 Arbor Park Drive, increase pipe size at 1642 Arbor Park Drive, storm pipe replacement/relocate at 2601 & 2631 Temple Drive.
				1) <u>Palmer at Old England outfall repair</u> - Stormwater outfall pipe replacement required. Design is 40% complete, survey is now complete. Phase 1 permit application with SJRWMD has been submitted. Waiting on reposnse from District.
				2) <u>Stormwater Outfall Dredging</u> - The City recently entered a new contract, dredging on several stormwater outfalls started in Aug 2023, and will continue as needed.
				3) <u>Ward Park ponds construction</u> - Estimated cost \$150k. NE and NW Pond excavation and sodding is complete. Piping installation started May 2024.
				4) <u>Pipe Repair at Summer Way</u> - Corrugated metal pipe replacement. COMPLETE.
				5) <u>Killarney Dr Outfall & Street Repairs Phase 1</u> - New outfall to replace two exisitng outfalls. Permit with SJRWMD to be submitted April 2024. Anticipated Construction August 2024.
565203	Lk. Bell Weir Outfall Improvements -	2009	\$69,223	Repairs may be required on the Lake Bell outfall weir. Preliminary concept and geotechnical evaluation are complete. Final plans and permitting are underway.
565221	Seminole County Ditch Piping (along Arbor Park Dr) – Drainage ditch behind the homes along Arbor Park Drive has a shared drainage basin with Seminole County. Funding is provided for the design and construction to pipe the ditch.	2016	\$733,295	The Interlocal Agreement was approved by the City Commission and by the Seminole County Commission. 60% plans completed and submitted to Seminole County. Phase I permit application has been submitted to SJRWMD.
565205	Nicolet Ave Stormwater Pond – complete the design and construction of a stormwater treatment pond on City purchased properties located at 796 & 808 Nicolet Avenue	2023	\$199,850	Commission approved \$200,000 in the City's FY23 budget. General permit application and RAI has been submitted.
565217	Stirling Bridge Replacement	2024	\$224,575	Updates required for price estimate.
565210	Fawsett Road CDS Unit	2024	\$200,000	Seeking permit exemption with SJRWMD.
	Curb Implementation	2024	\$50,000	
	TOTALS			
3023406	ACTIVE STORMWATER CIP's		\$1,519,907.22	BALANCE TOTAL

Staff Update - Infrastructure Projects

Lake Bell Weir Repair



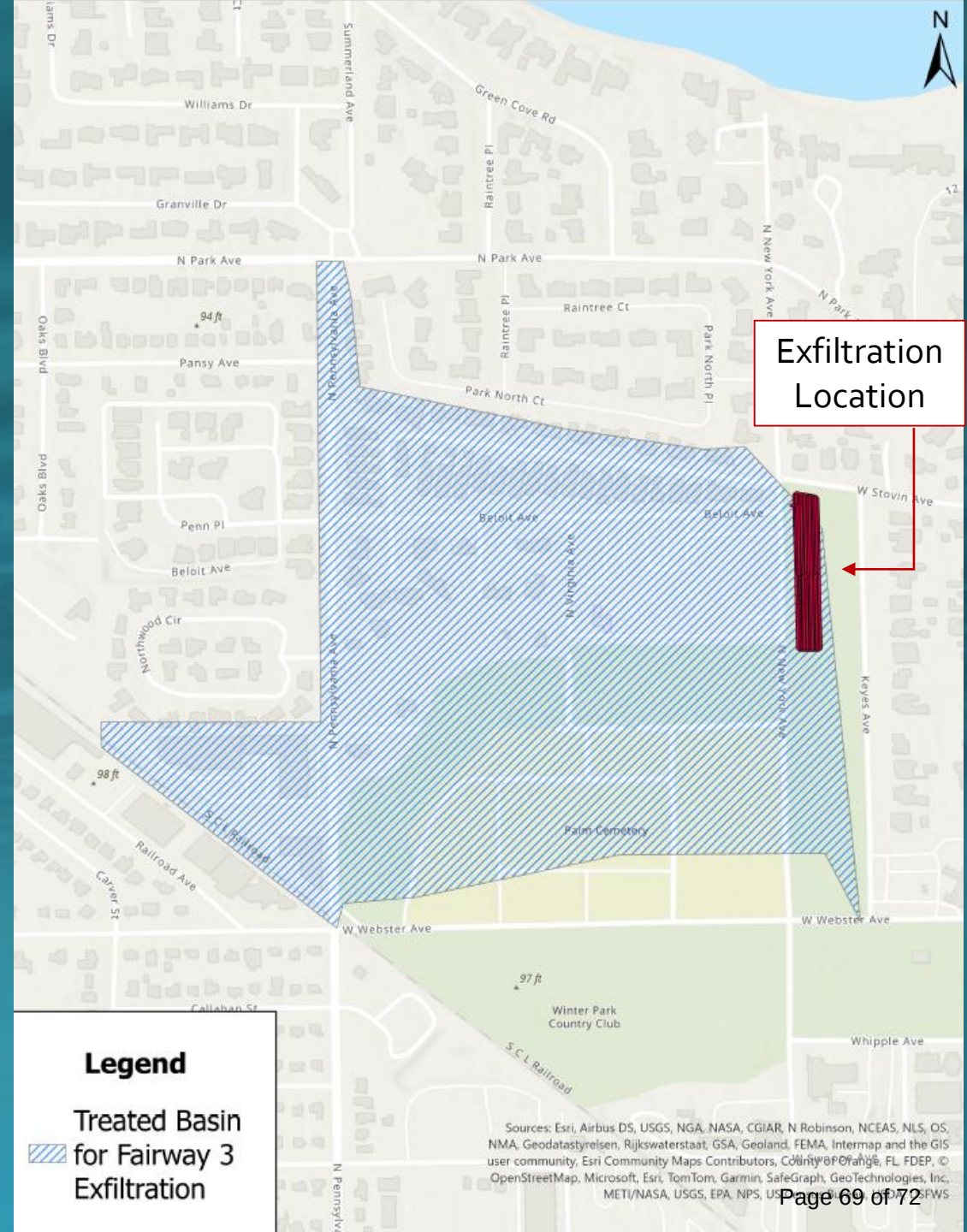
Staff Update - Infrastructure Projects

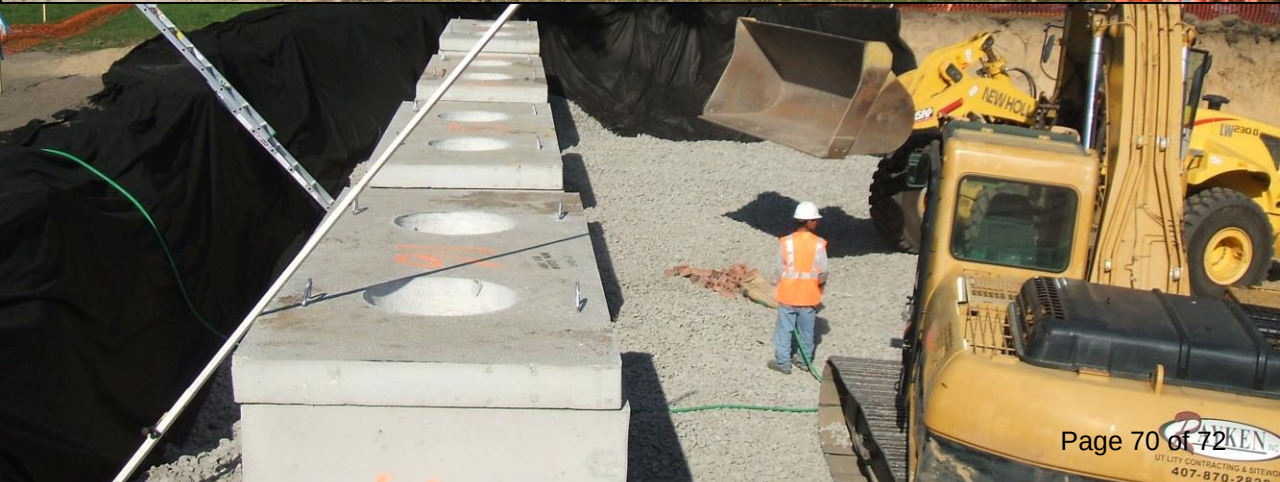
Lake Bell Weir Repair





New York Ave Exfiltration







Lakes & Waterways Board

agenda item 8.a

item type

Board Comments

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Discussion of Public Comments Received

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None



Lakes & Waterways Board

agenda item 9.a

item type

Upcoming Agenda Items

meeting date

September 10, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Discussion of Upcoming Agenda Items

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None