



Lakes & Waterways Board Regular Meeting

Agenda

April 9, 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 March 12, 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.)**
 - 5. Action Items**
 - 6. Non-Action Items**
 - 7. Staff Updates**
 - a. Winter Park Police Department 10 Minutes
 - b. Lakes Management 10 Minutes
 - c. Stormwater Management 10 Minutes
 - 8. Board Comments**
 - 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

item type

Consent Agenda

meeting date

April 9, 2024

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

Approve the minutes of March 12, 2024

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

1. LWB-min-2024-03-12 DRAFT



Lakes & Waterways Board Regular Meeting Minutes

March 12, 2024 at 12:00 PM

City Hall Commission Chambers
401 S. Park Avenue

Present

William H. Swartz Sr., Pamela L. Saffran, Ed Webman, George T. Vietor, Justin J. Vermuth, David F. March (arrived at 12:03)

Absent

Warren Bloom

Staff Present

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

1. Call to Order

The meeting was called to order at 10:02 a.m.

2. Consent Agenda

- a. Approve the minutes of February 13, 2024

**Motion made by Mr. Vietor to approve the minutes, seconded by Ms. Saffran.
Motion carried unanimously with a 5-0 vote. Mr. March arrived after the vote.**

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

4. Public Hearings

5. Action Items

6. Non-Action Items

7. Staff Updates

- a. Winter Park Police Department

No report.

- b. Lakes Management

Lakes Manager Joey Cordell reported there will be a Community Meeting on March 28th at 5 p.m. at Mead Botanical Gardens Azalea Lodge to inform the community about the Howell Creek Restoration project. Treatments have started on the following lakes: Killarney, Sue and a few on the chain of lakes. Sixteen telemetry stations have been installed and staff are receiving and reviewing data. On March 2nd, Lakes Division conducted a wood duck box workshop and had 6 volunteer groups. Four of the six boxes were donated to the city and will be installed at MLK Park, Mead Gardens - Alice

Pond, Lake Chelton and Lake Knowles. Plant of the month for March is Water Hyacinth which is an invasive plant that is controlled biologically and with herbicides.

Gloria Eby responded to questions on the Muscovy duck removal program and discussion followed. Ms. Eby gave an update on the legislative session in regards to the letter of support the board had sent for funding the Chain of Lakes nutrient and hydrologic study to understand the basic and nutrient loading for the lakes. Of the \$500K that was requested, it did make the appropriation of 250K. The next step is for approval or veto by the governor. Staff will keep the board updated when new information is received.

c. Stormwater Management

Ms. Monahan reported on the Balmoral Road pipe replacement project with some photos, which is nearing completion. The College Point curb project is completed. The project was due to the water being held and not flowing correctly to the inlets when rainstorms occur. Ms. Monahan gave an update on the NPDES presentation from February's meeting. She provided the Orange County Water Atlas link for the members to access for more information.

8. Board Comments

a. Discussion of Public Comments Received

9. Upcoming Agenda Items

a. Discussion of Upcoming Agenda Items

Mr. Webman thanked the staff for their work. Staff thanked him for his service on the board.

10. Adjournment

The meeting adjourned at 12:20 p.m.

Approved by the board on _____
/s/ Victoria Tabor, Administrative Coordinator



Lakes & Waterways Board

agenda item

item type

Staff Updates

meeting date

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prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Winter Park Police Department

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

None



Lakes & Waterways Board

agenda item

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Victoria Tabor, Administrative Coordinator II

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Victoria Tabor, Administrative Coordinator II

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Lakes Management

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1. Lakes Update 2024.04
2. Water Quality 2024.04



Lakes and Waterways Advisory Board

April 2024

Lakes Updates

- Natural Resource Conservation Services (NRCS) – Update
- Treatments
- Telemetry Stations
- Aquatic Plant of the Month
- Water Quality

PLANT OF THE MONTH

Pondweed (*Potamogeton illinoensis*)

- Native Species
- Submersed Aquatic Vegetation
- Floating leaves are elliptical, submersed leaves are more lance shaped.
- Wavy in appearance
- Submersed Aquatic Vegetation provides habitat and food for wildlife, filters nutrients, stabilizes lake sediments



Illinois pondweed
Potamogeton illinoensis
Photo by Vic Ramey
© 2001 University of Florida

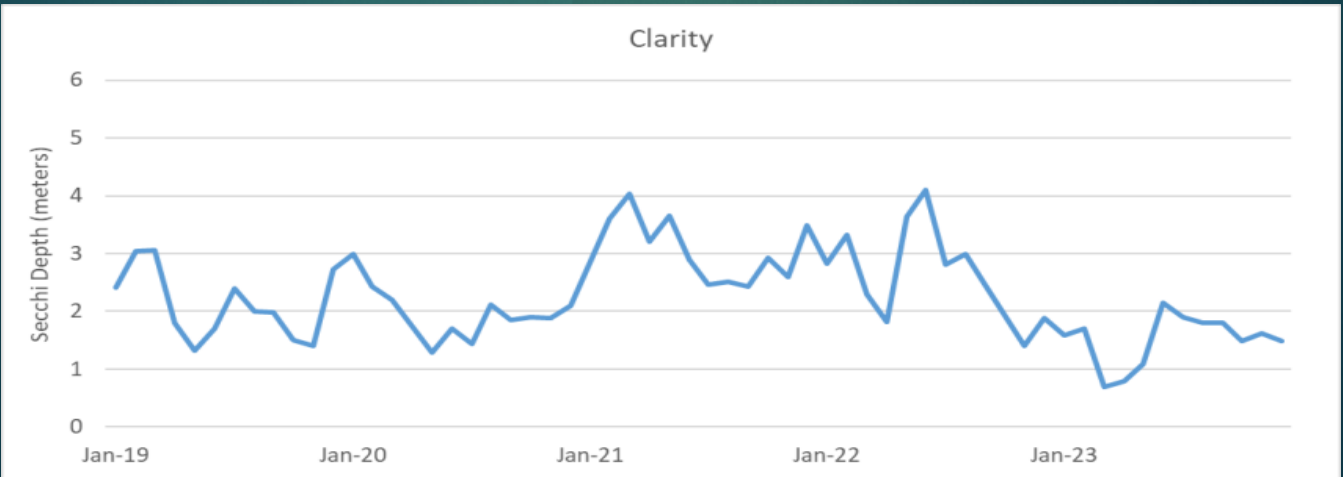
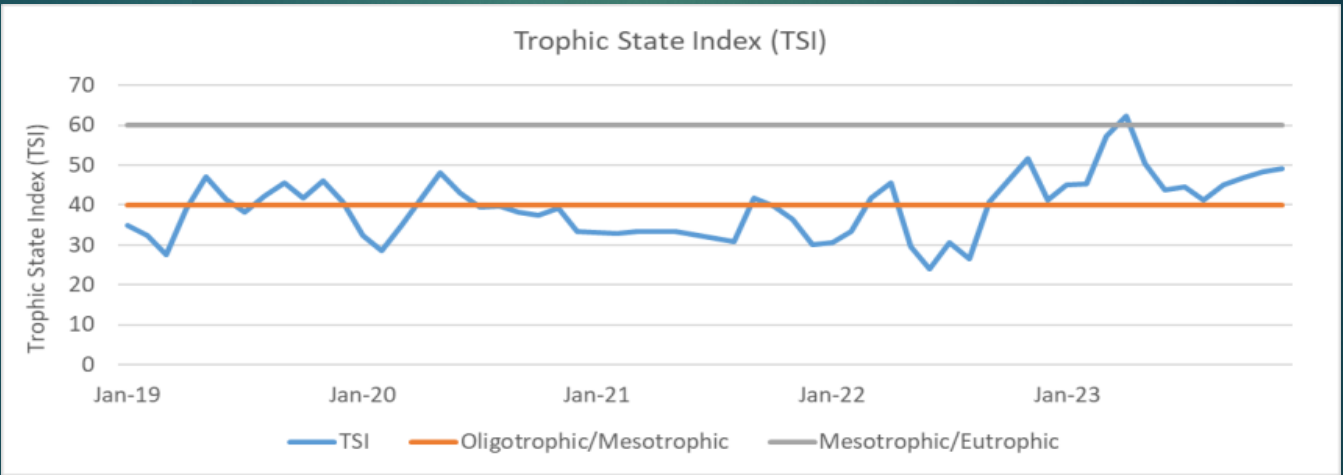
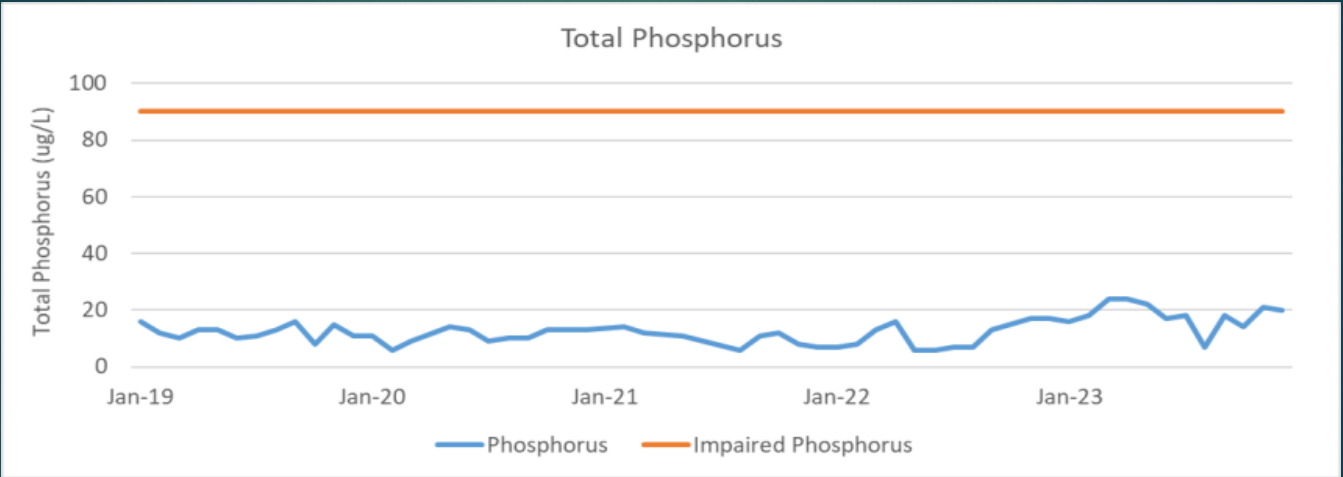
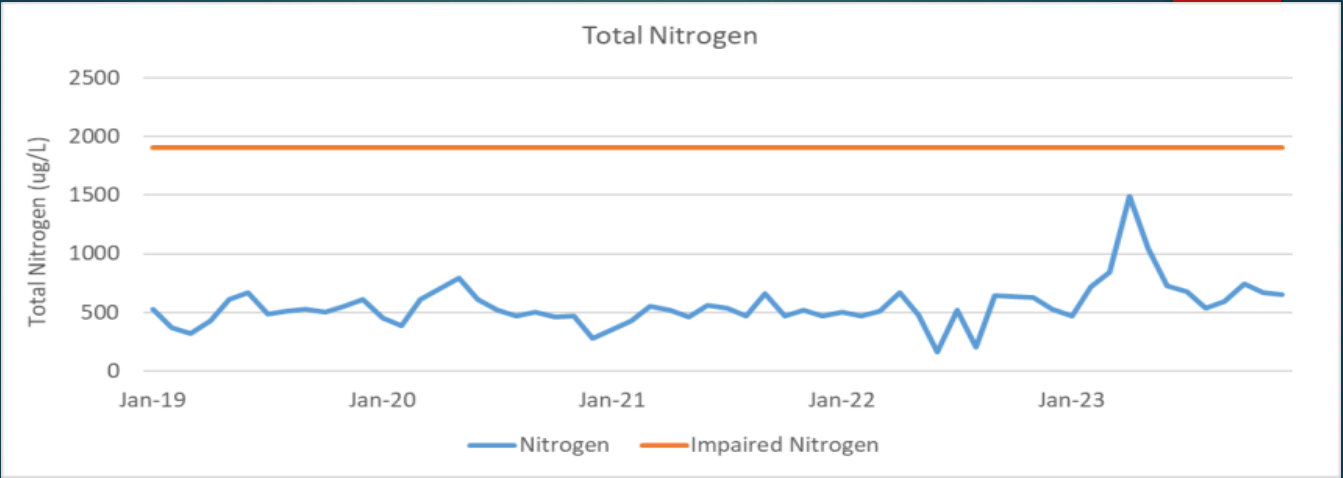
PLANT OF THE MONTH

Pondweed (*Potamogeton illinoensis*)

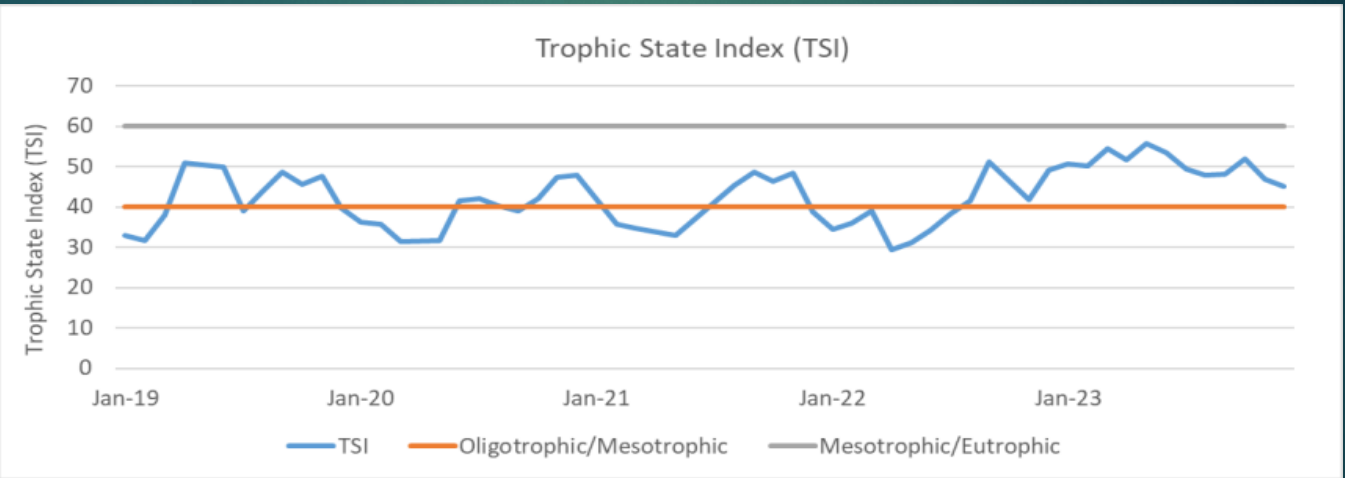
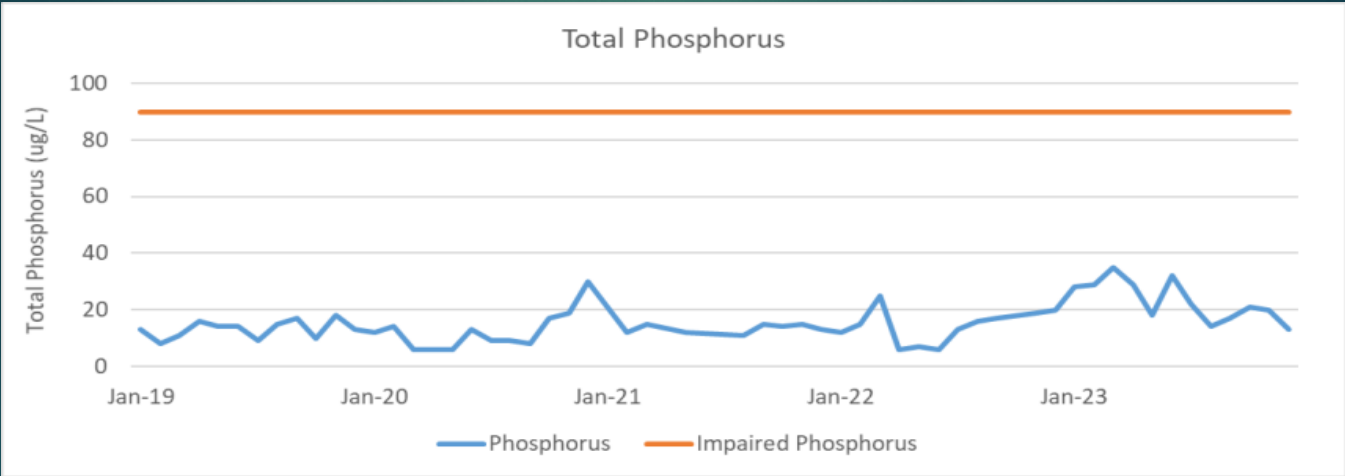
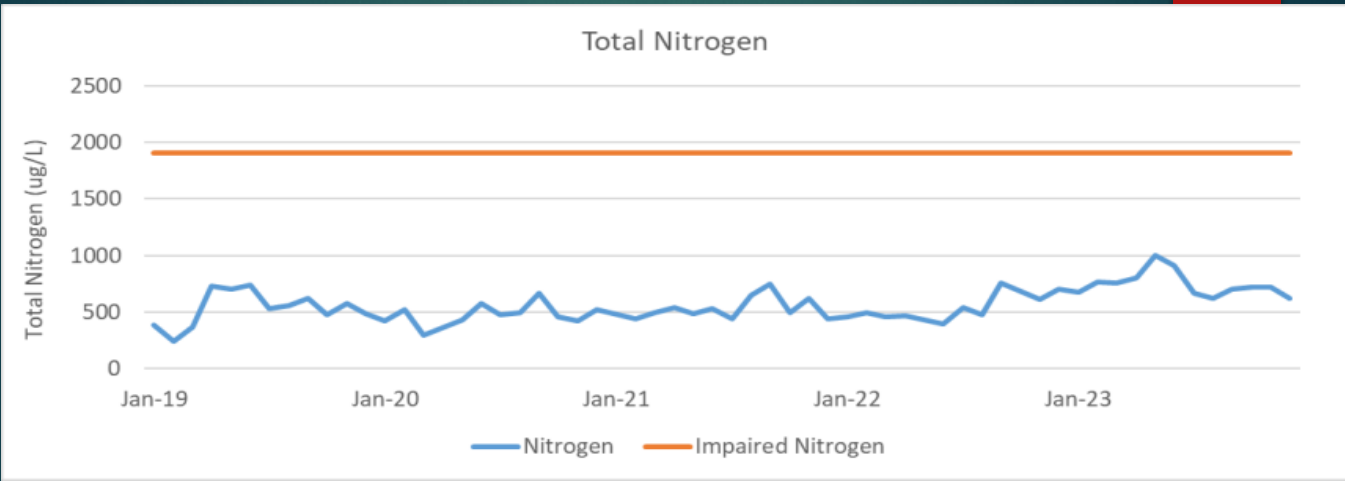
Abundant in Lakes Sue, Killarney, Mizell,
Baldwin
Present in Lakes Virginia, Bell, Osceola,
Maitland



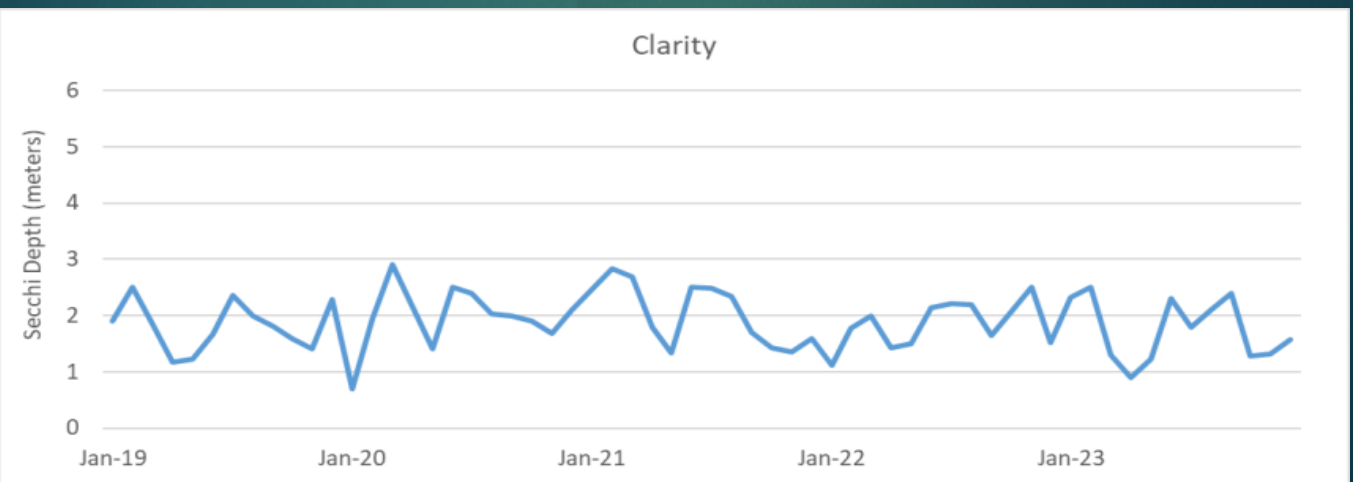
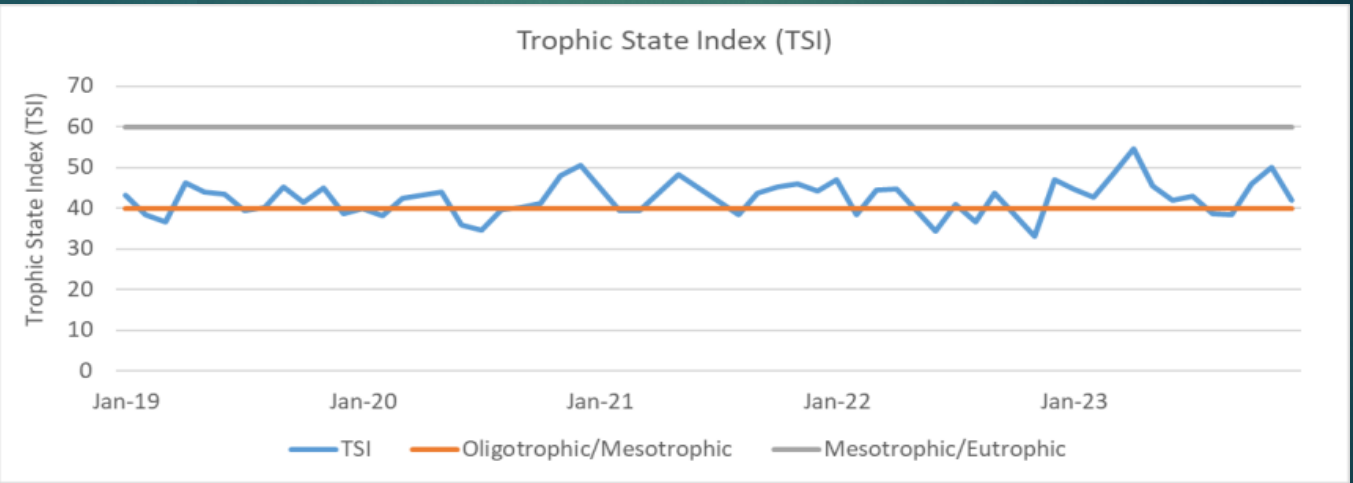
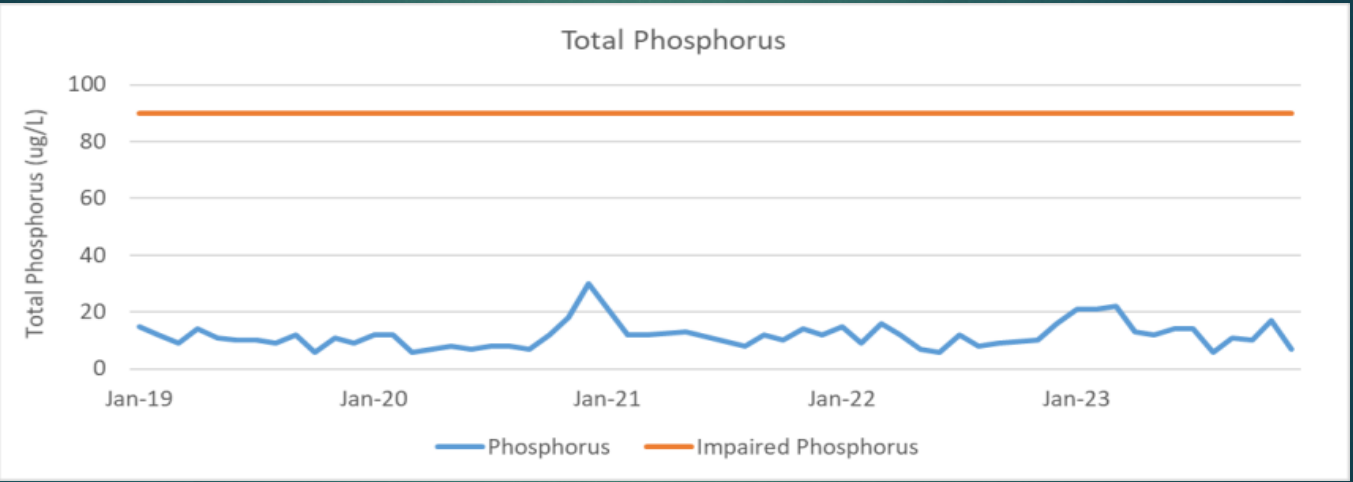
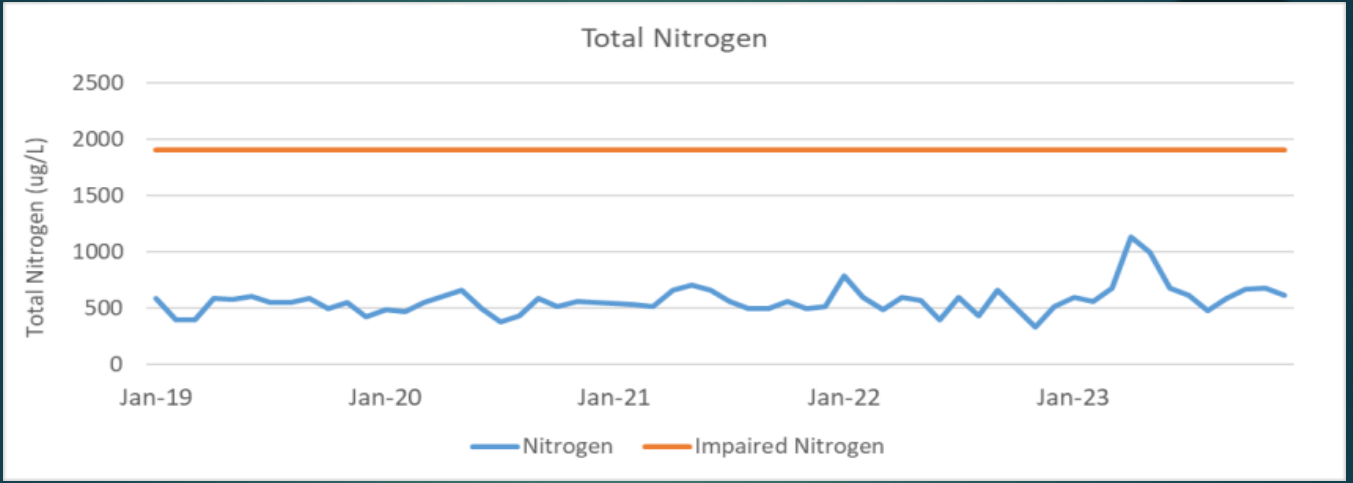
Lake Maitland Water Quality



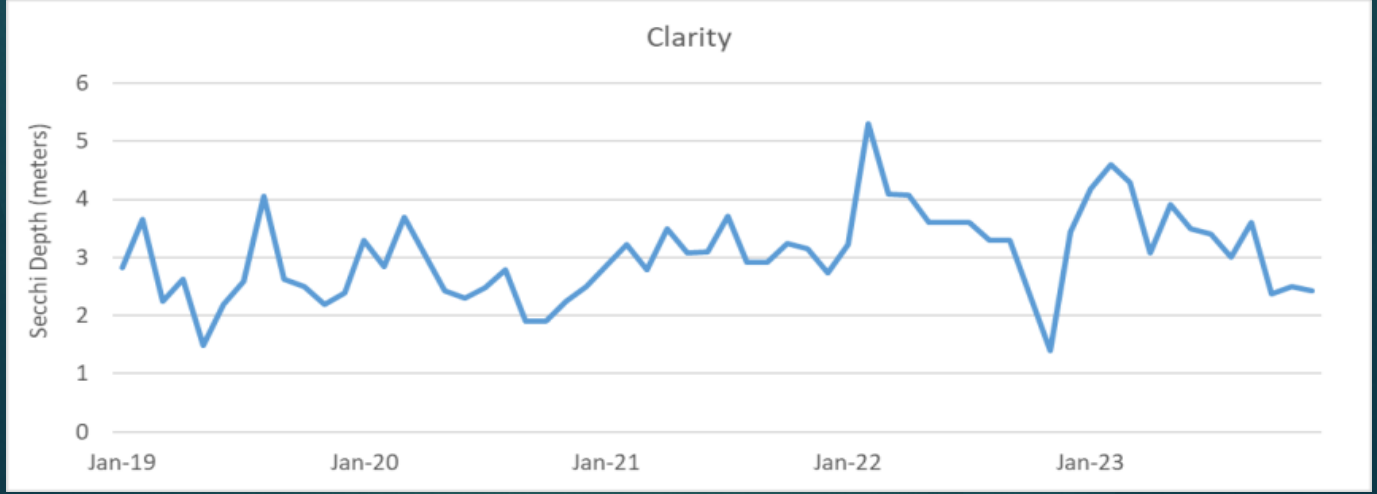
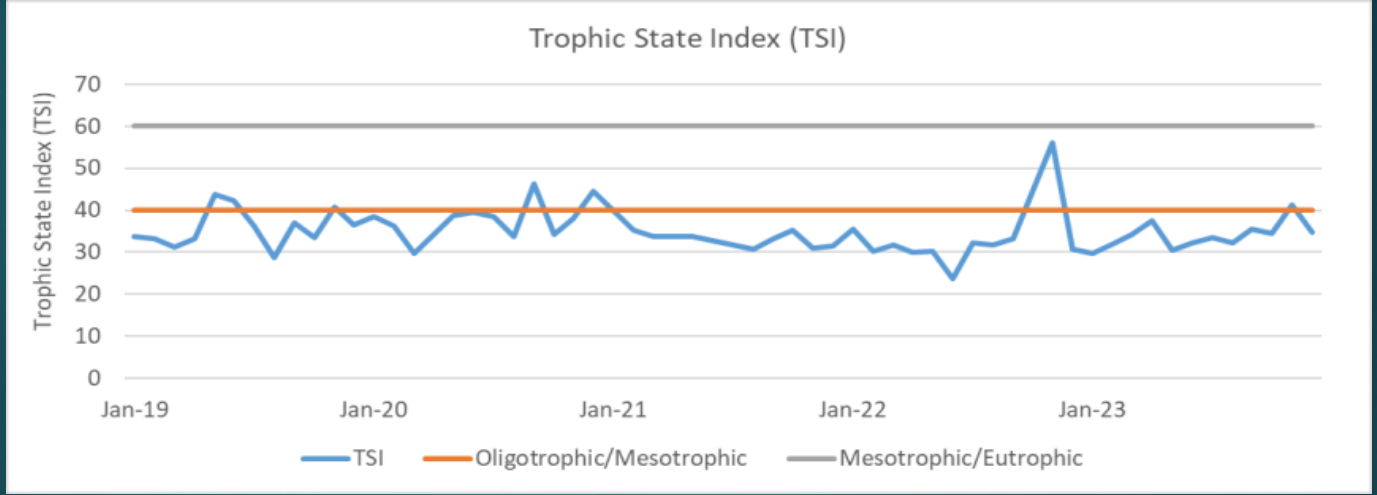
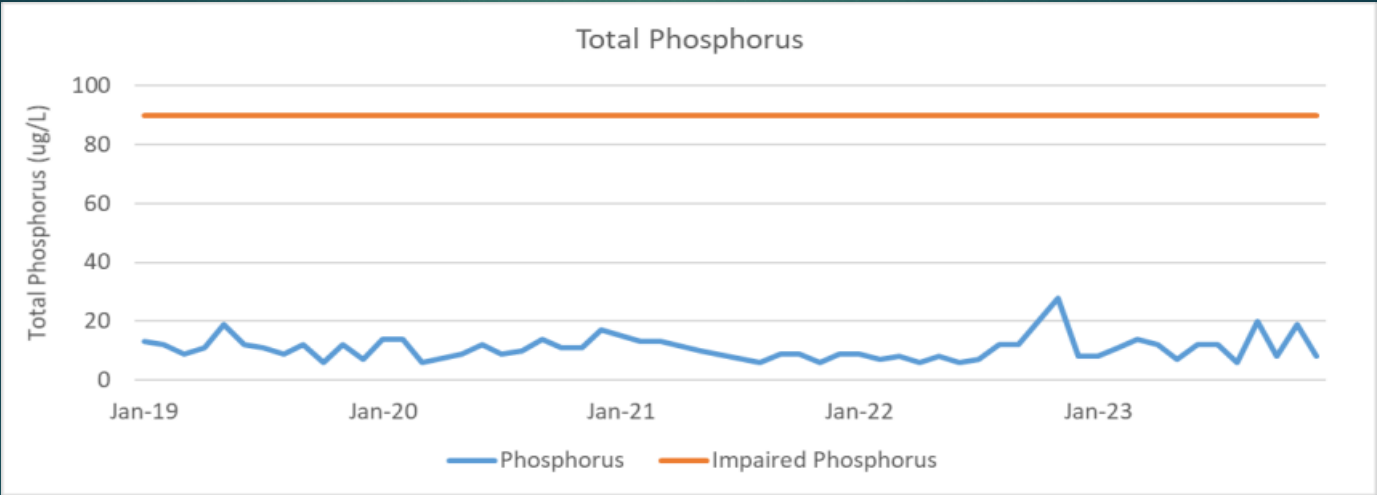
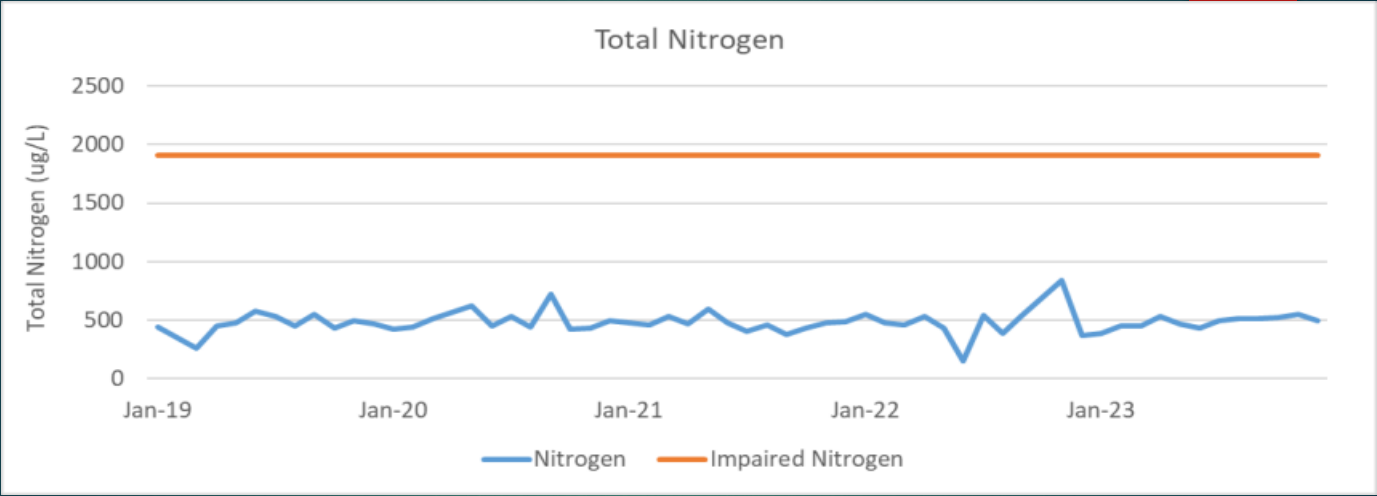
Lake Virginia Water Quality



Lake Osceola Water Quality



Lake Mizell Water Quality





Lakes & Waterways Board

agenda item

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Staff Updates

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Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Stormwater Management

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

1. SW Update - Lakes 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	\$112,000	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 30% complete, survey is now complete.
				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. The piping to be installed early 2024.
				4) <u>Pipe Repair at Summer Way</u> - Corrugated metal pipe replacement. 35' has been replaced, another 162' is in progress. Estimated completion late April 2024.
565203	Lk. Bell Weir Outfall Improvements -	2009	\$69,223	Repairs may be required on the Lake Bell outfall weir. Met with consultant on 6/30/23, kick-off meeting with consultant 10/24/23, preliminary improvent plan to be completed April 2024.
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	\$733,395	The Interlocal Agreement was approved by the City Commission and by the Seminole County Commission. 60% plans completed and submitted to Seminole County. Process to permit with SJRWMD currently underway.
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	\$200,000	Commission approved \$200,000 in the City's FY'23 budget. General permit application has been submitted. Waiting on reposnse from District.
565217	Stirling Bridge Replacement	2024	\$250,000	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		\$1,614,618.00	BALANCE TOTAL

Stormwater Management Summer Way Pipe Replacement



Stormwater Management Summer Way Pipe Replacement

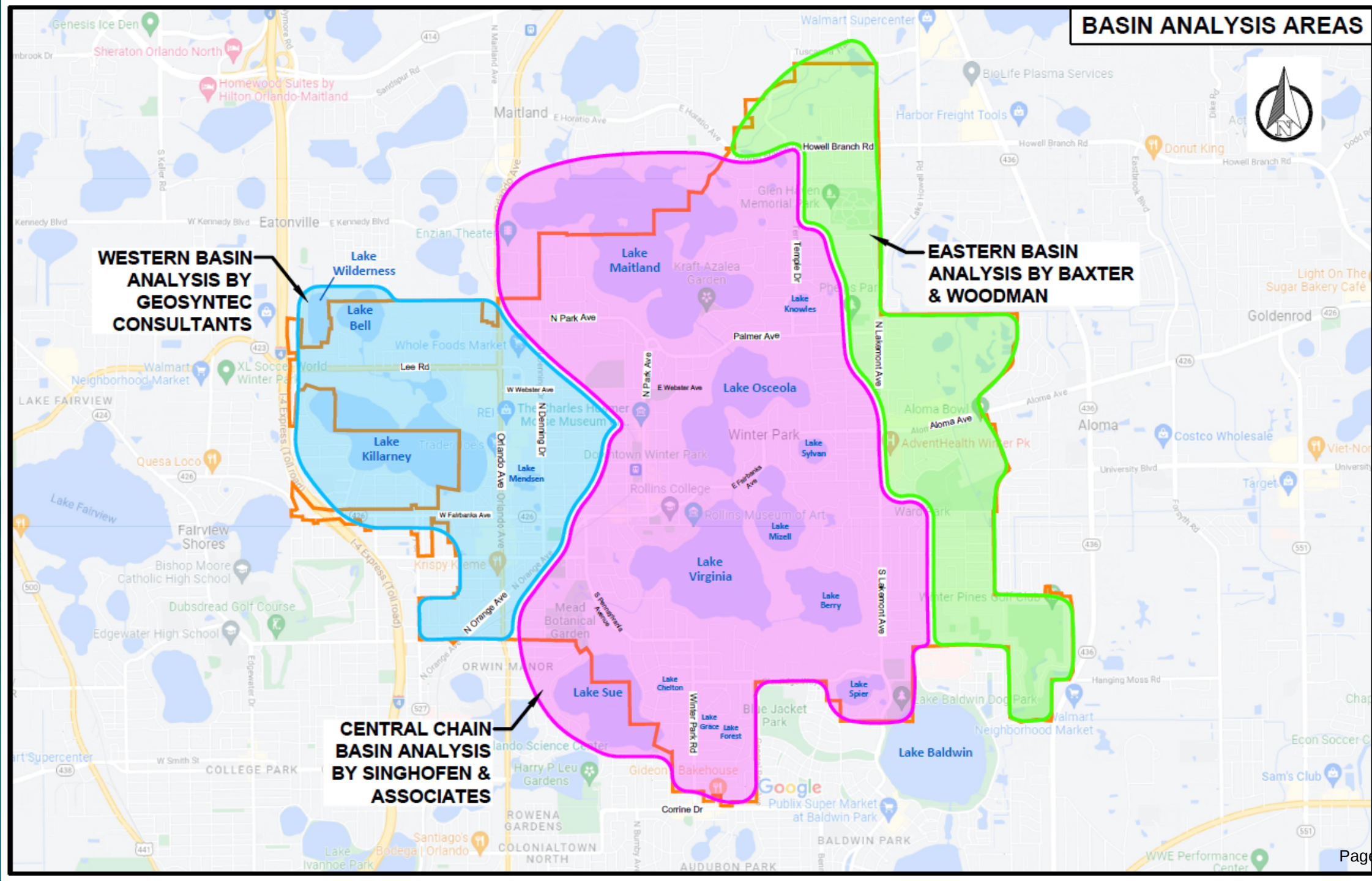




**WESTERN BASIN
ANALYSIS BY
GEOSYNTEC
CONSULTANTS**

**EASTERN BASIN
ANALYSIS BY BAXTER
& WOODMAN**

**CENTRAL CHAIN
BASIN ANALYSIS
BY SINGHOFEN &
ASSOCIATES**





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Board Comments

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Victoria Tabor, Administrative Coordinator II

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Victoria Tabor, Administrative Coordinator II

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Discussion of Public Comments Received

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None



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Upcoming Agenda Items

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None