



Lakes & Waterways Board Regular Meeting

Agenda

January 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 the regular meeting December 12, 2023 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-2023-0512) 531 Virginia Dr. 10 Minutes
 - 5. Action Items**
 - 6. Non-Action Items**
 - 7. Staff Updates**
 - a. Winter Park Police Department 10 Minutes
 - b. Lakes Management
 - 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

January 9, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by**subject**

Approve the minutes of the regular meeting December 12, 2023

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

1. LWB-DRAFT MINS-2023-12-12



Lakes & Waterways Board Regular Meeting Minutes

December 12, 2023 at 12:00 PM

City Hall Commission Chambers
401 S. Park Avenue

Present

Ed Webman, Justin J. Vermuth, Warren Bloom, Pamela L. Saffran, David F. March

Absent

George T. Vietor, William H. Swartz Sr.

1. Call to Order

The meeting was called to order at 12:13 p.m.

2. Consent Agenda

- a. Approve the minutes of the regular meeting November 14, 2023

Motion made by David March to approve the minutes; seconded by Pamela Saffran. 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. Boathouse/Dock Application Revision (BLDC-2023-0135) 2111 Via Tuscany

Staff presented the revised application for the boathouse/ dock application at 2111 Via Tuscany, which was previously approved by the board. Photos of the structure were displayed, noting the dock meets parameters and vegetation requirements. Approval of the application is recommended by staff.

Motion made by Ed Webman to approve the application; seconded by Pamela Saffran. Motion carried unanimously with a 5-0 vote.

- b. Shoreline Alteration Permit (SAP-2023-0033) 1214 N Park Ave.

Staff presented the seawall application for 1214 N Park Ave. The existing seawall structure is 135 feet, it requires rip rap with natural stone, has significant erosion on the existing structure and needs more vegetation. Photos of the existing structure and seawall, site plan and cross-section requirements were displayed and staff recommended approval of the dock.

Sheila Cichra, Streamline Permitting 1002 Fort Mason drive, Eustis Florida, clarified that part of the seawall will be removed and used as rip rap. Revisions were not made to the site plan, only to the engineering plans. The site plan reads two-tiered seawall, which was not allowed. The new plan displays a wall with rip rap in front of it.

Motion made by Justin Vermuth to approve the application; seconded by David March. Motion carried unanimously with a 5-0 vote.

5. Action Items

a. Support Letter for the Appropriations Project Request for the Winter Park Chain of Lakes

Staff presented the support letter for the appropriations project request for the Winter Park Lakes written to the State Senator. Positive traction from the senator's office has been received. Currently, community support related to legislative efforts is needed. The \$500,000 fund will be used for the nutrient and hydrologic study for the chain of lakes. The blueprint will assist in identifying nutrient sources. Staff needs the board's approval to move forward with submitting the letter on their behalf. The board suggested a letter be sent to the Appropriation Chair, Thomas Leek.

Motion made by Pamela Saffran to approve the letter to the State Senator; seconded by Warren Bloom. Motion carried unanimously with a 5-0 vote.

6. Non-Action Items

7. Staff Updates

a. Winter Park Police Department

Sergeant Hofer gave a brief report. Currently, it is off season, resulting in a total of 4 patrols since November 1st. Due to cooler weather and less traffic, the Police Department is on an as-needed basis. A total of 10 safety

inspections were completed last month, 10 citations and warnings for safety violations were given out. PD will be investigating large vessels coming close to the shoreline on Lake Maitland. No further complaints regarding Dog Island have been received at this time. The board asked a few questions and Sergeant Hofner responded explaining there is no rule for how close a vessel can get to the shoreline, a rule would have to be added to the careless operation statute. Staff will rewrite the ordinance for boater safety that has to be approved by Florida Fish & Wildlife Conservation (FWC). Once the ordinance is approved by the city, it must go through FWC lengthy process. Further discussion followed.

b. Lakes Management

The NRCS funding has allowed staff the opportunity to do various projects. Regarding the Howell Creek stabilization, a land survey and wetland delineation have been conducted. Residents were concerned about a ribbon on a cypress tree, however, it is for mapping purposes. A consulting firm will do stream assessments in January.

In March the community meeting on conceptual design will take place at Mead Gardens. Staff's contractor is working on Lake Killarney, tackling several outfalls and working in the canal cove next. Vendor operations will be on the North portion of Howell creek to remove tree debris.

The 9th grade pond located had severe erosion, which served Lake Virginia area. In a few weeks' sediments will be removed.

Lake Bell weir is at geotechnical level and once the geo-tech survey is completed, a design and permit will follow.

A few treatments were done to the lakes. A pond treatment for navigation for Lake Sue has been completed, following a treatment will be done with Orlando to open the current navigation blockage.

The biobase for Lake Berry, 57% area vegetation coverage. The ideal vegetation is 30%-60%. The area coverage for Lake Killarney is 62% and the bio volume is 30%. Lake Sylvan has less coverage.

The new sensors for the telemetry stations have been received and will be installed. Elevation telemetry for Lake Killarney, MLK Park, Lake Virginia and Lake Bell Weir have been installed. Staff anticipate receiving all collected data soon. There are 20 more sensors to be installed on the remaining lakes.

The last dock party concluded in November with a good response from residents. Lake Knowles and Lake Wilbar shoreline restoration will be held Saturday December 16th.

c. Stormwater Management

Staff have added capital improvement projects that have been approved by the board and commission. Stirling bridge, Fawsett road have all been funded. Curb implementation projects will be implemented in the upcoming year. The remaining 750 thousand goes back into the drainage improvement budget. Currently staff are in the permitting process for drainage improvement such as Palmer and Old England, the pipe at Killarney Drive south shore outfall replacement required, Nicolet pond and Seminole county piping projects. Staff displayed photos of continuous deflection separation (CDS) unit being installed at Fawsett Road.

Regarding the wall at Meade Garden, pricing bids have been high and staff is waiting for more quotes to move forward with the project.

8. Board Comments

a. Discussion of Public Comments Received

There were none.

9. Upcoming Agenda Items

a. Discussion of Upcoming Agenda Items

Starting in January, staff will give a presentation of violations within the community to the board.

One of the board members inquired about data pertaining to nutrient studies being published on the website for public access.

10. Adjournment

The meeting adjourned at 12:49 p.m.

Approved by the board on _____
/s/ Charisma Lowery, Board Coordinator



Lakes & Waterways Board

agenda item

item type

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

meeting date

January 9, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Boathouse/Dock Application (BLDR-2023-0512) 531 Virginia Dr.

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

1. BLDR-2023-0512



LAKE SHORELINE BOATHOUSE/DOCK APPLICATIONS

BLDR-2023-0512

531 Virginia Dr

- Applicant: Roman & Michelle Cornell
- Contractor: Albert Cichra Builders
- Permitting Agent: Sheila Cichra
- Structure: Dock
- New/Existing: Existing/Relocating
- Waterbody: Virginia

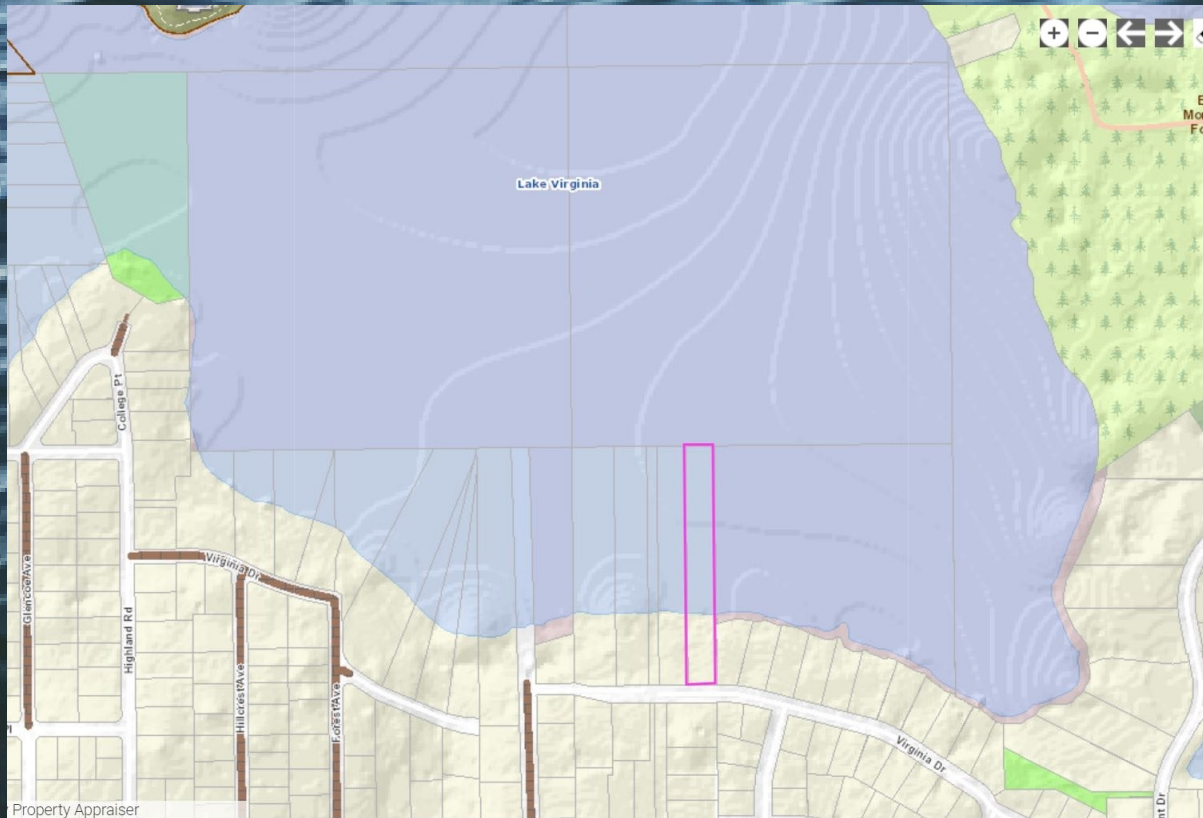
Parameters

Dock Parameter	Proposed	Allowed	Variance Req.?
Total Area (ft ²)	594	600 max	No
Length from OHW (ft)	30'	30'	No
Height of Roof (ft above deck)	11' at 2:12 pitch	11 max	NA
Height of Deck (ft above OHW)	1-2'	2 max	No
Enclosures?	60ft ²	80 ft ² max (no plumbing/water allowed)	NA
Side Yard Setback(s) (ft)	10'	10' min (5' with Letter of No Objection)	N/A
Meet Vegetation Criteria?	No	50% may be cleared	N/A

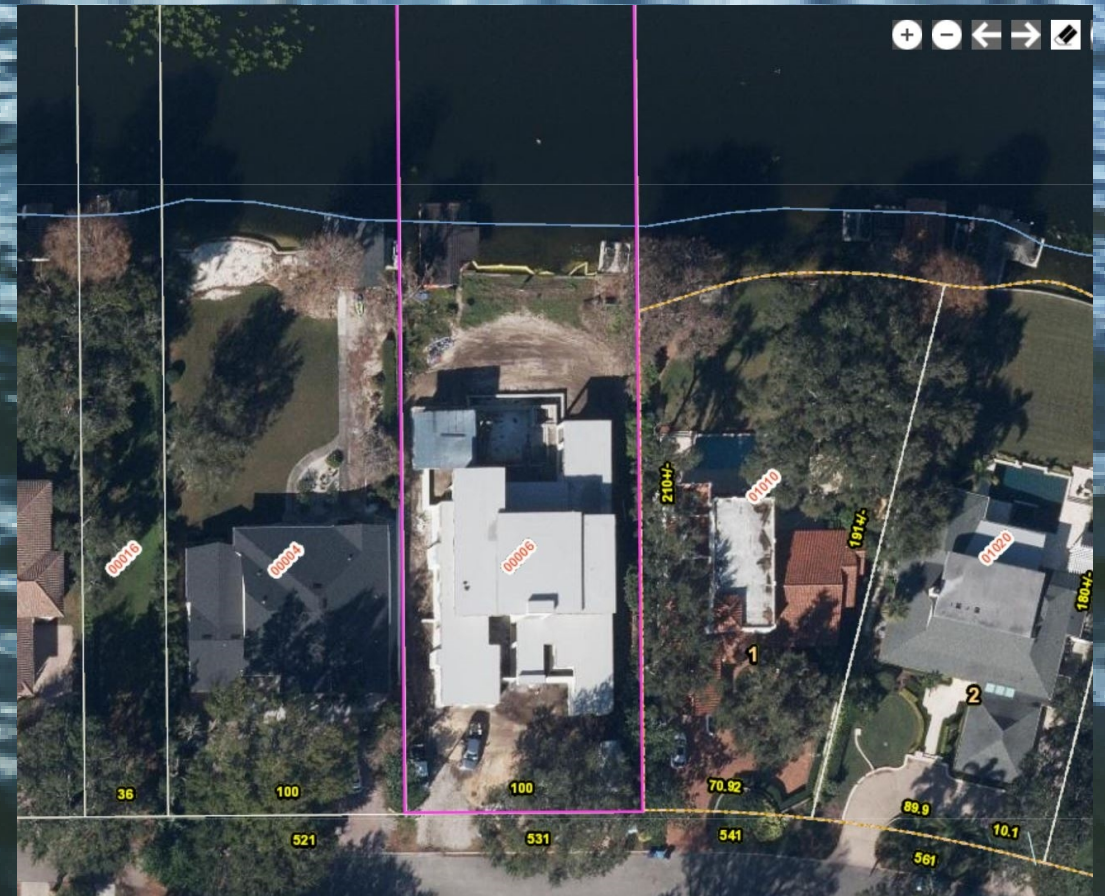
Staff Recommendation: **Approval with Revegetation**
Reviewed by: Joey Cordell

Map View

Basemap



Aerial View



Birdseyeye



Photos



Photos



Site Plan / Survey

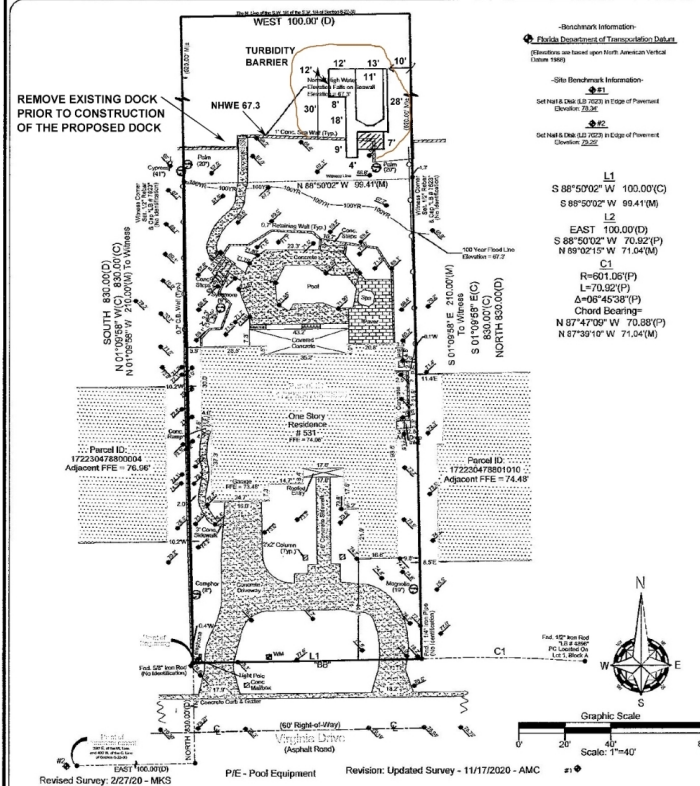
CORNELL BOAT DOCK SITE PLAN

FLOOD INFORMATION:
BY PERFORMING A SEARCH WITH THE LOCAL GOVERNING MUNICIPALITY OR WWW.FEMA.GOV,
THE PROPERTY APPEARS TO BE LOCATED IN ZONE X/AE. THIS PROPERTY WAS FOUND IN CITY
OF WINTER SPRINGS, COMMUNITY NUMBER 120188, DATED 9/25/2009.

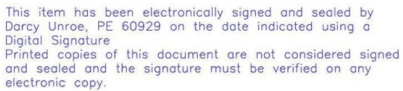
CERTIFIED TO:
ROMAN CORNELL



531 VIRGINIA DRIVE, WINTER PARK, FLORIDA 3278

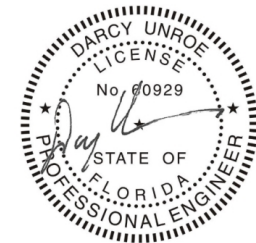
[illegible]

A close-up, vertical view of the ocean surface. The water is a deep, rich blue, with numerous small, white, frothy waves and ripples. The texture is highly detailed, showing the movement and energy of the water. The lighting creates highlights on the crests of the waves, contrasting with the darker blue of the troughs.



Darcy Unroe
c=US, st=Florida,
l=Orlando, o=Unroe
Engineering, Inc.,
cn=Darcy Unroe,
email=Darcy@unroe
engineering.com
2023.05.22 09:40:26
-04'00'

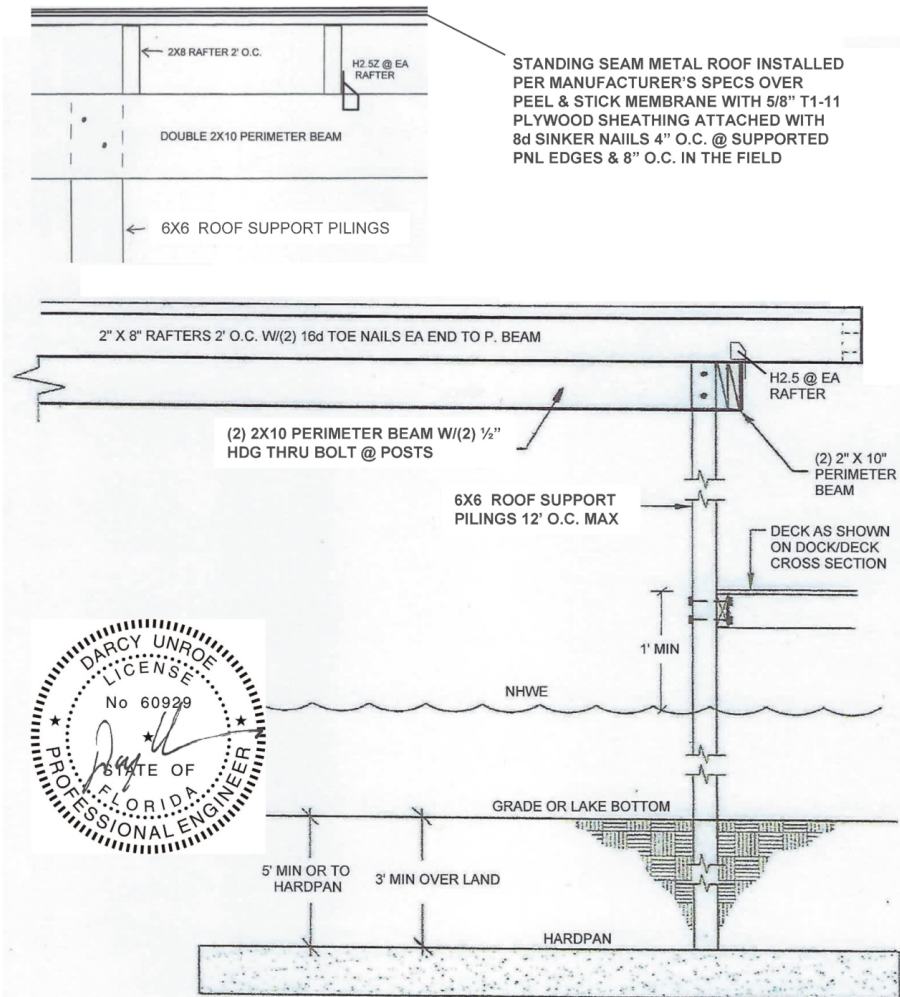
Darcy Unroe, PE # 60929 P.O. Box 690942, Orlando, FL 32869 (407) 299-0650



Darcy Unroe, PE # 60929 P.O. Box 690942, Orlando, FL 32869 (407) 299-0659 Page 17 of 42

Plans

Roof Cross Section



Cornell

531 Virginia Avenue, Winter Park



Lakes & Waterways Board

agenda item

item type

Staff Updates

meeting date

January 9, 2024

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

item type

Staff Updates

meeting date

January 9, 2024

prepared by**approved by**

Victoria Tabor, Administrative Coordinator
II

subject

Lakes Management

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

1. Lakes Update 2024.01
2. Water Quality



Lakes and Waterways Advisory Board

January 2024

Lakes Updates

- Natural Resource Conservation Services (NRCS) - Update
- Treatments
 - Lake Baldwin Hydrilla
 - Lake Sue Pondweed
- Water Quality
- Follow-up Items
 - Violation shoreline presentation - February

NRCS



NRCS



NRCS



NRCS



NRCS

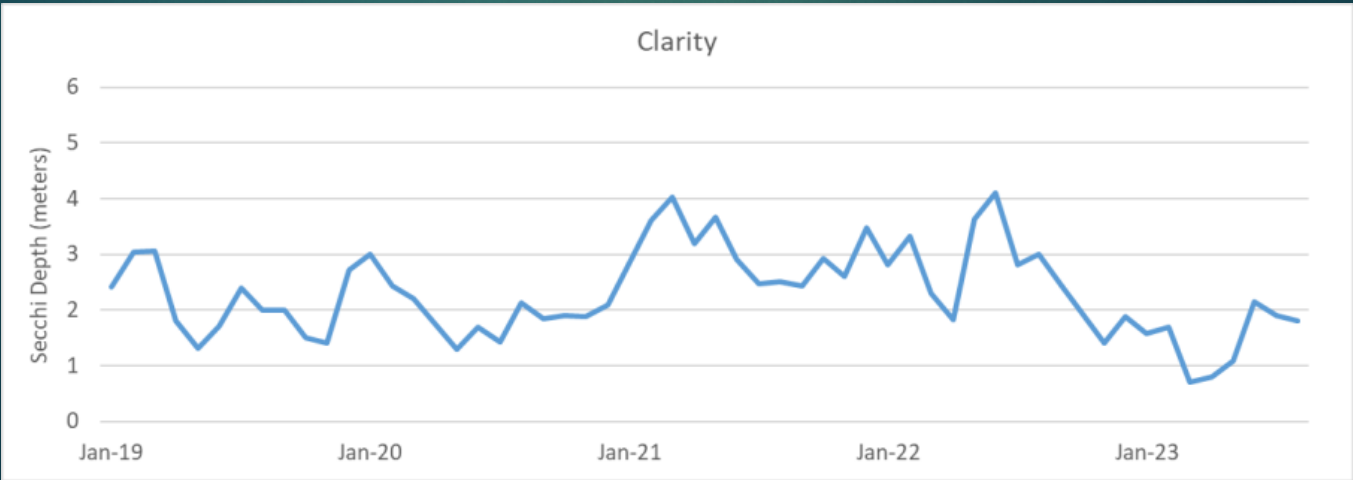
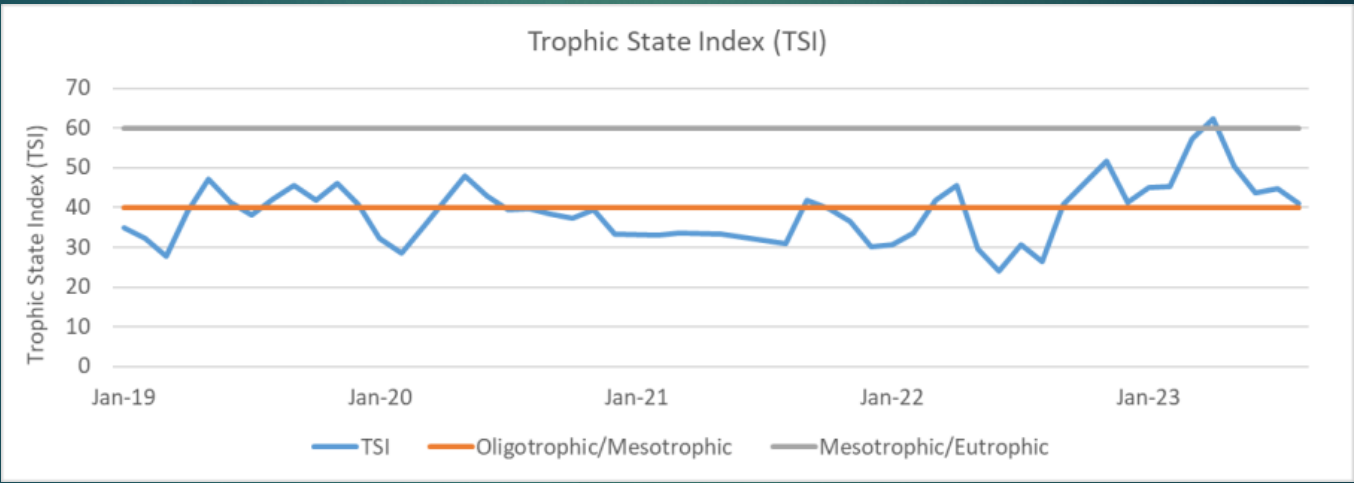
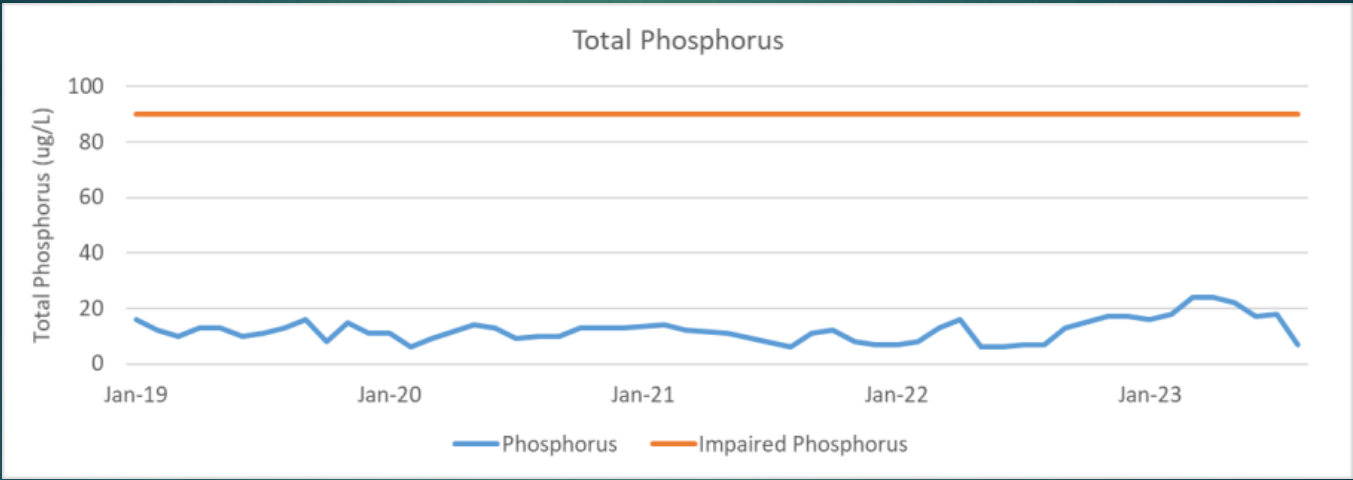
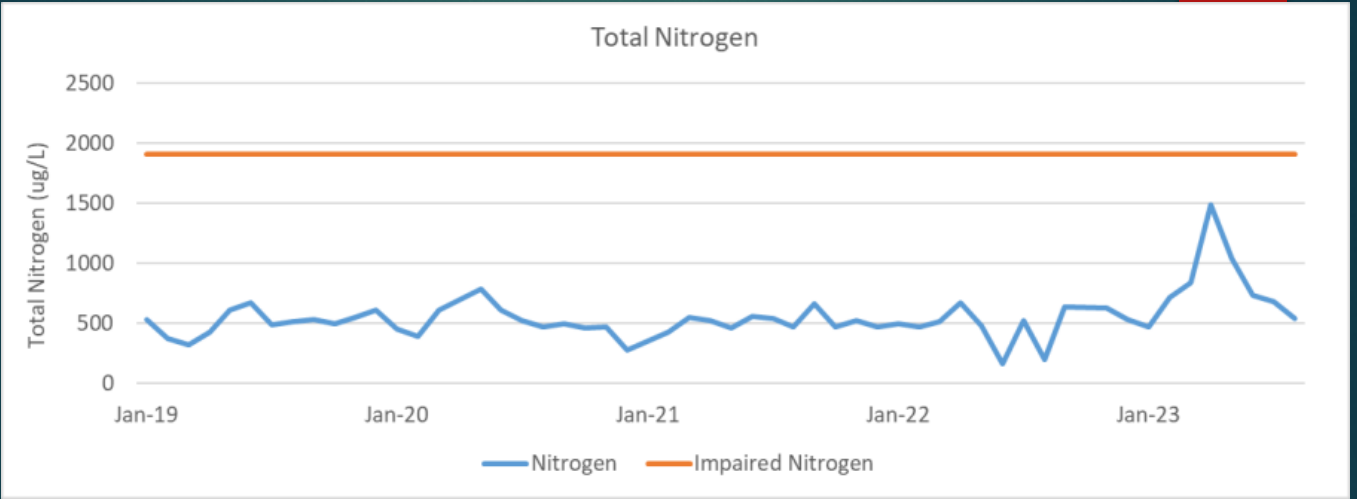


NRCS

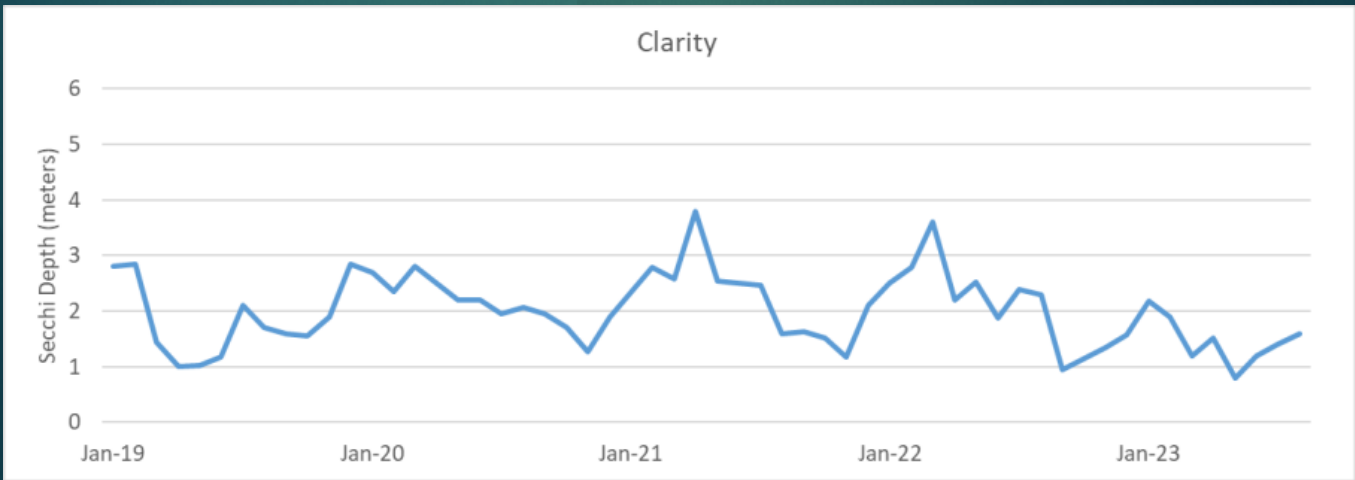
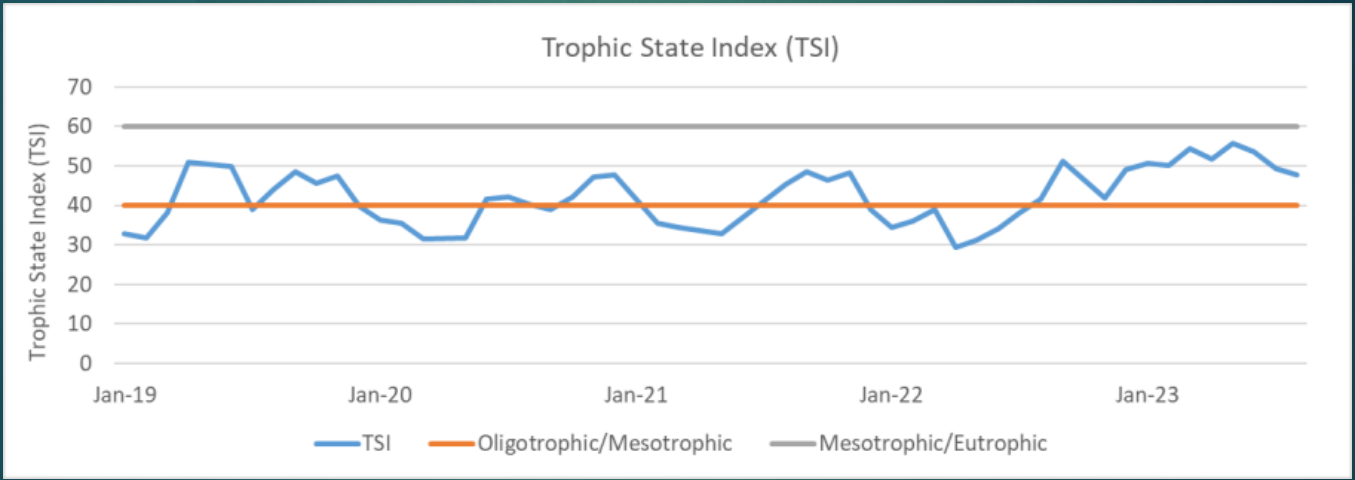
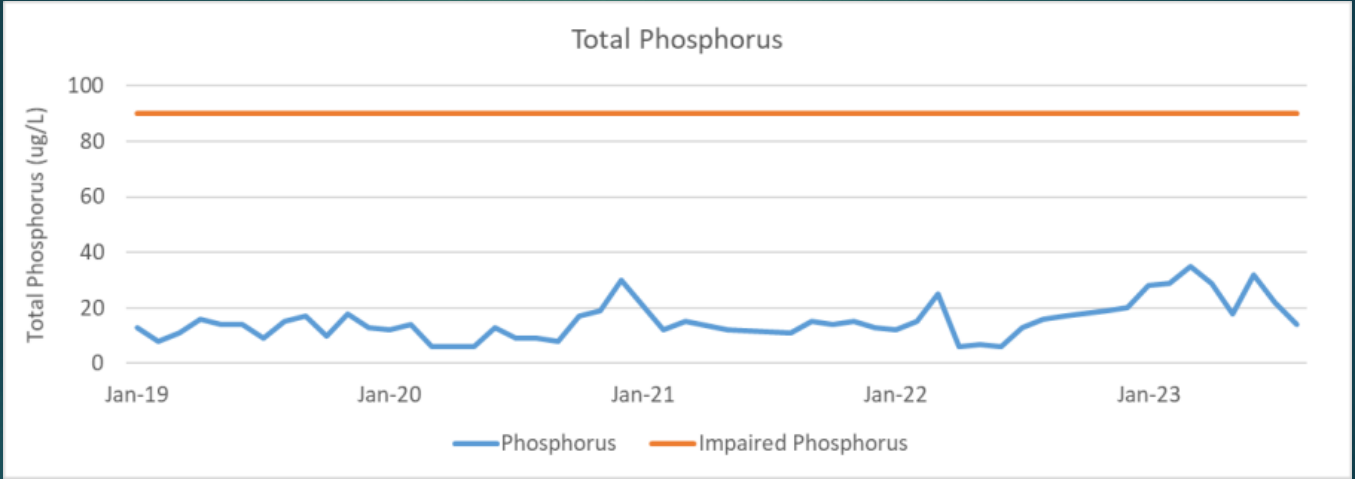
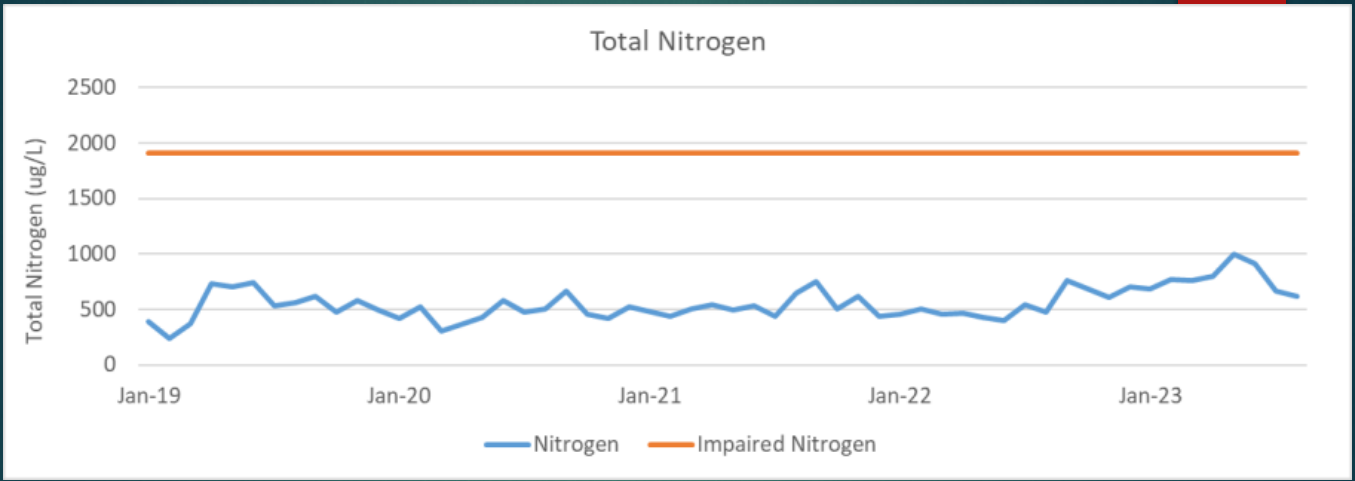
<https://cityofwinterpark.org/government/projects/howell-creek-stabilization-project/>



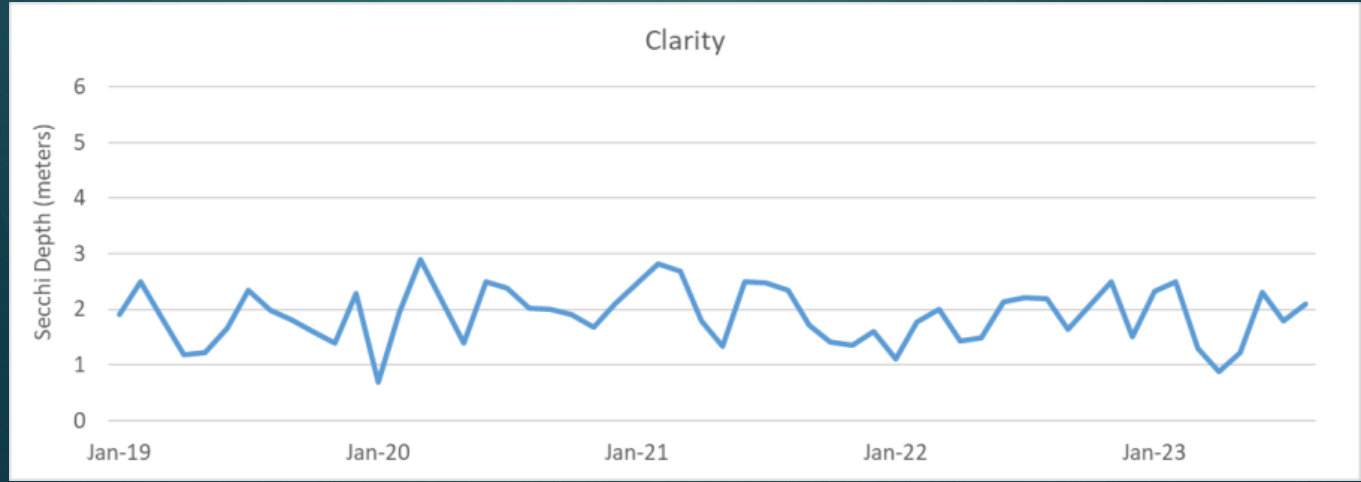
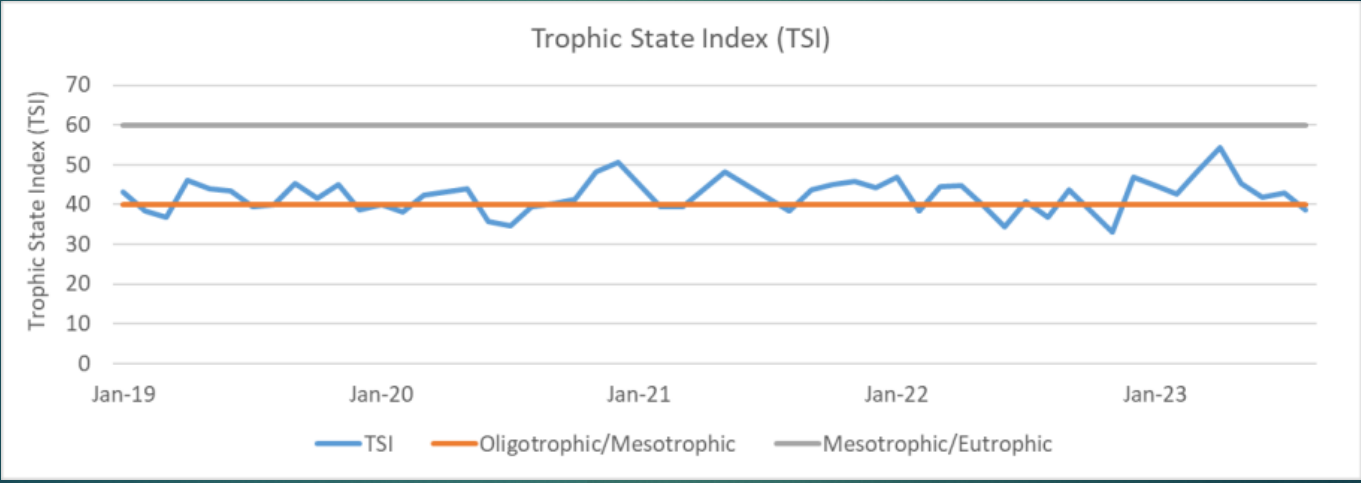
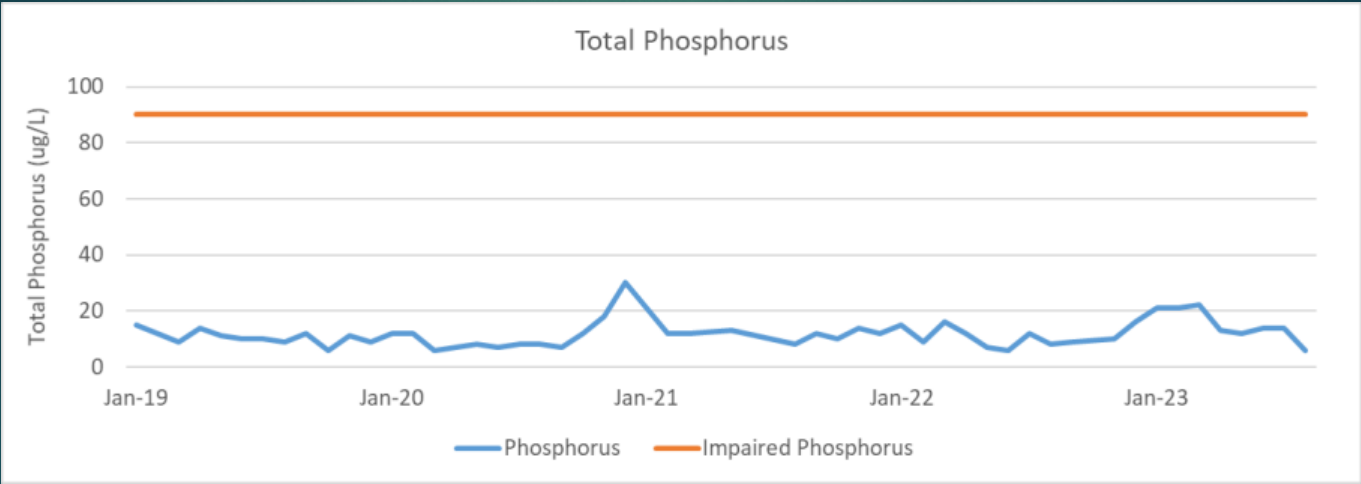
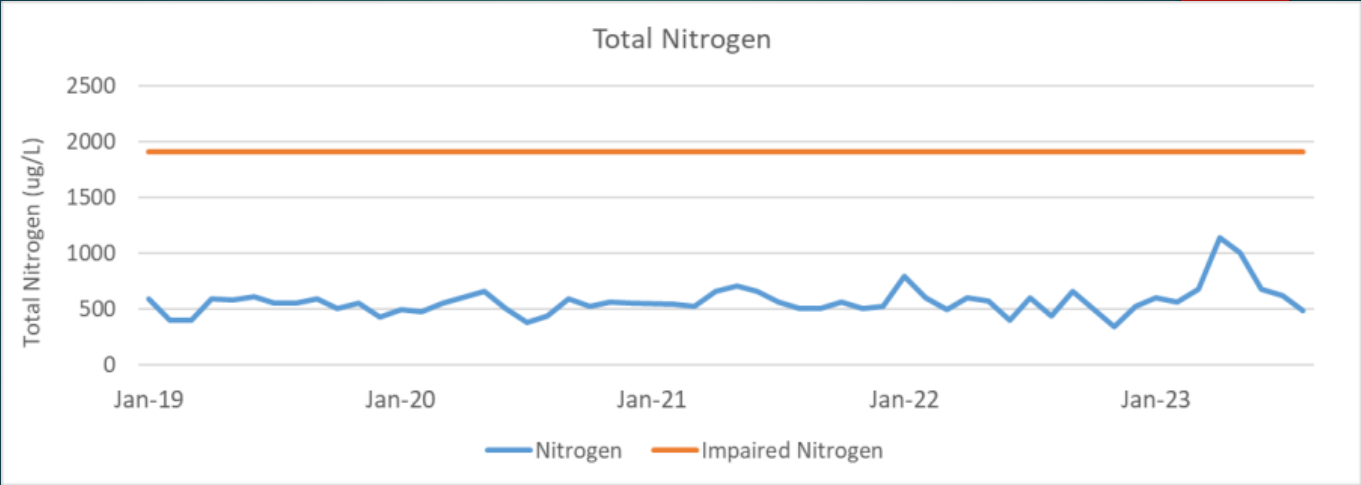
Lake Maitland Water Quality



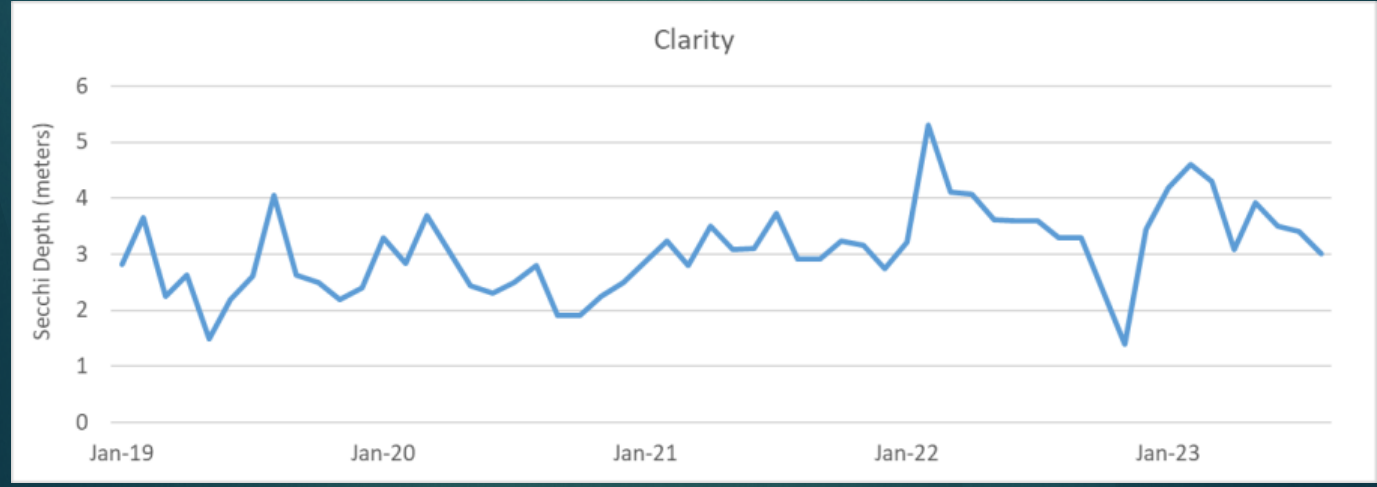
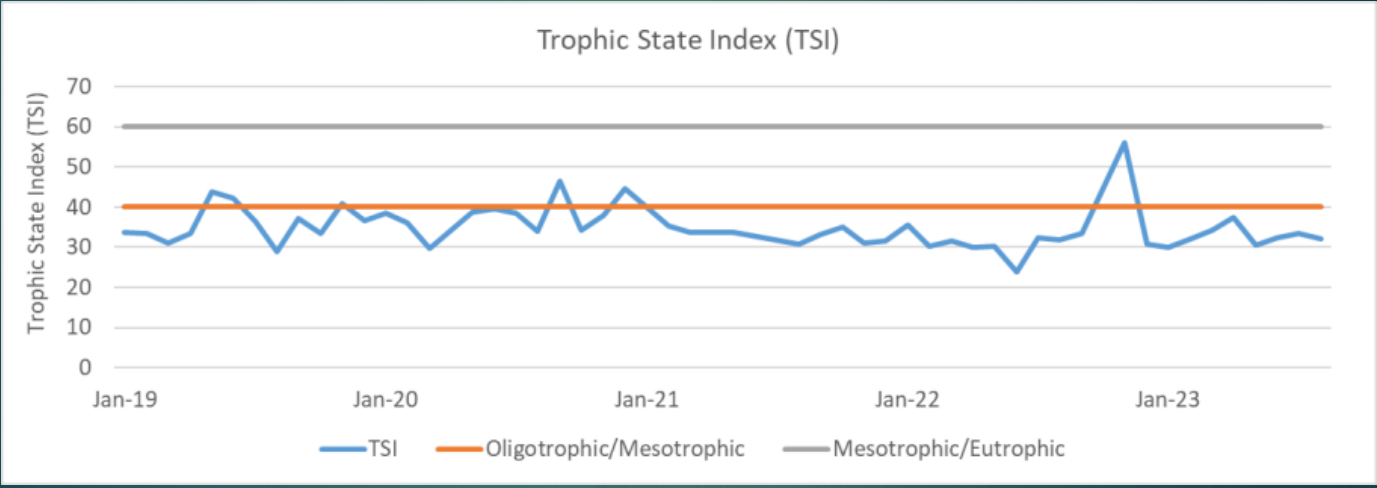
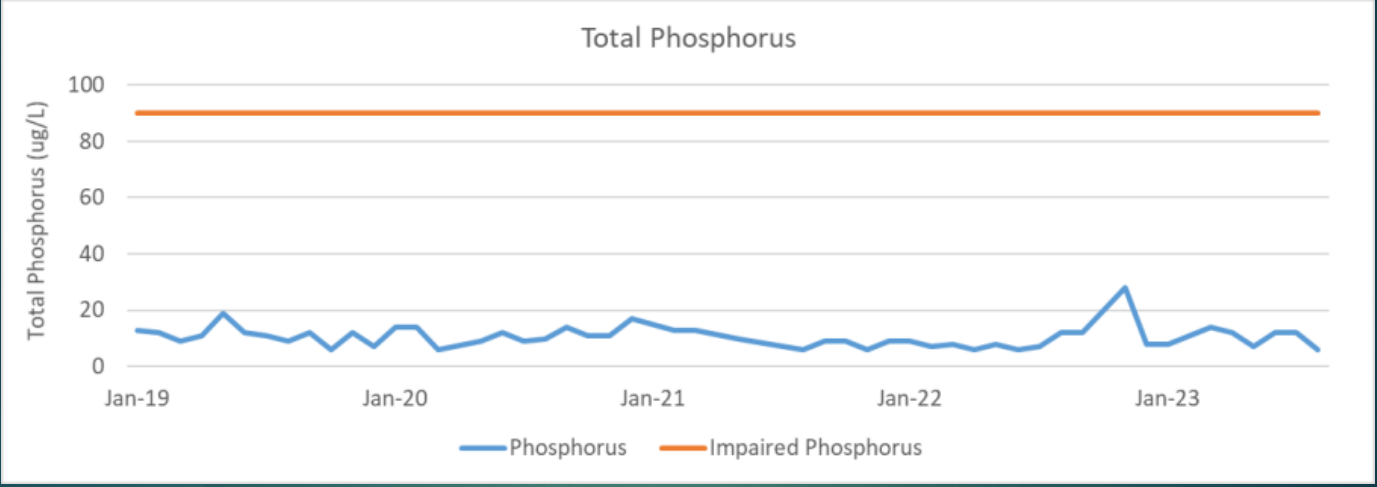
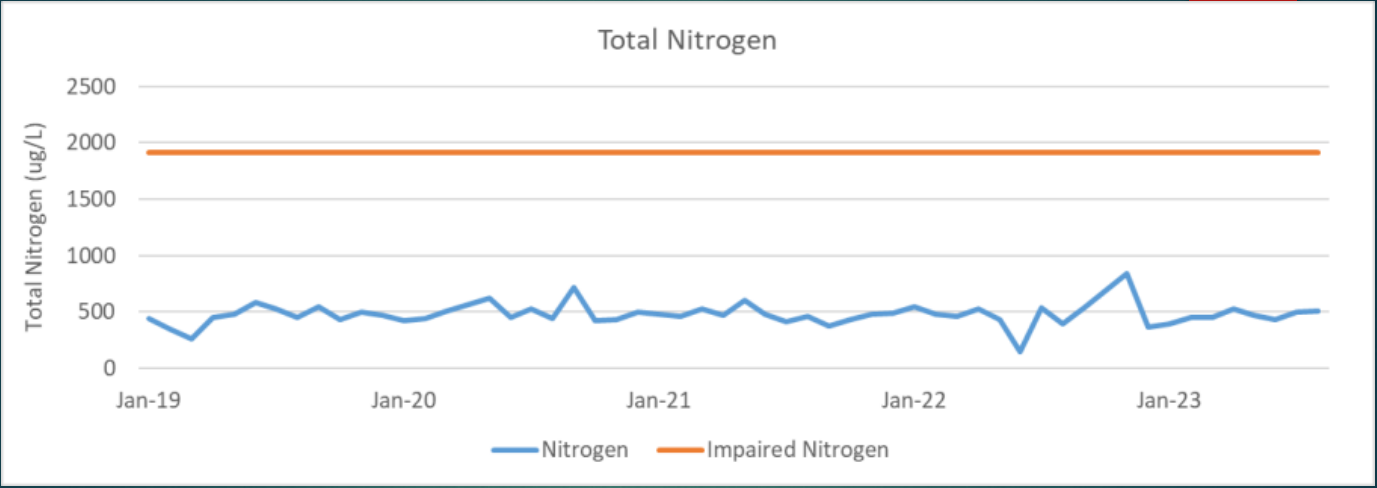
Lake Virginia Water Quality



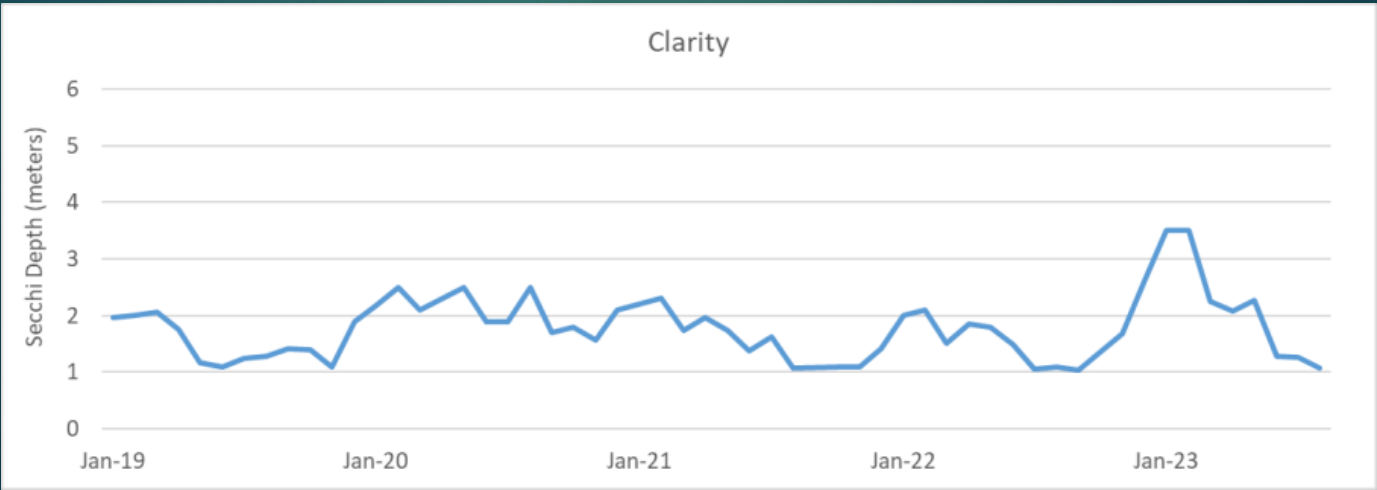
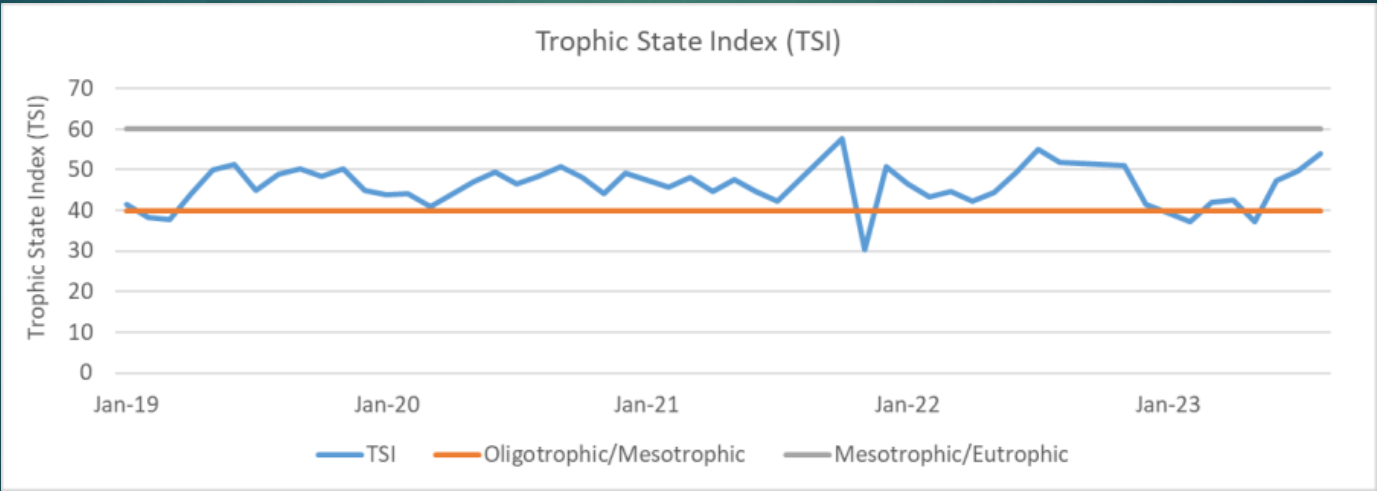
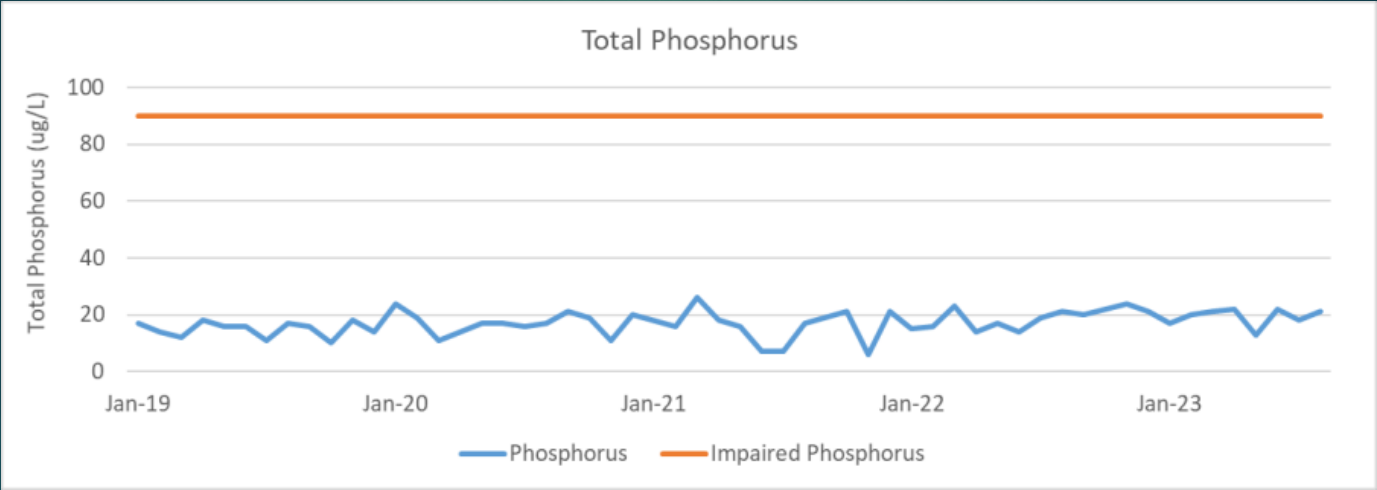
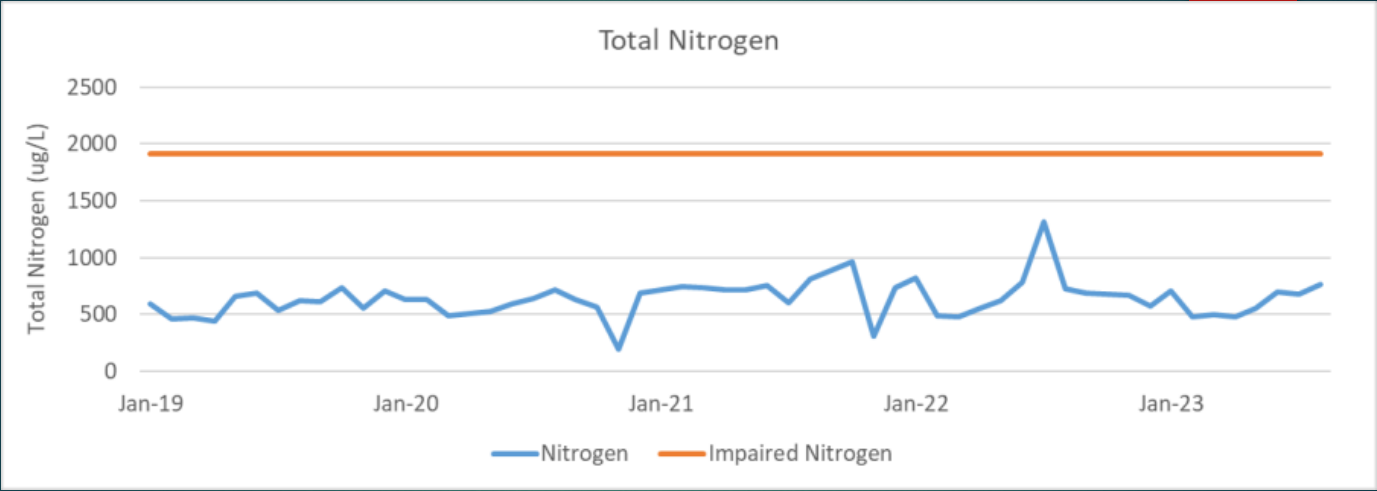
Lake Osceola Water Quality



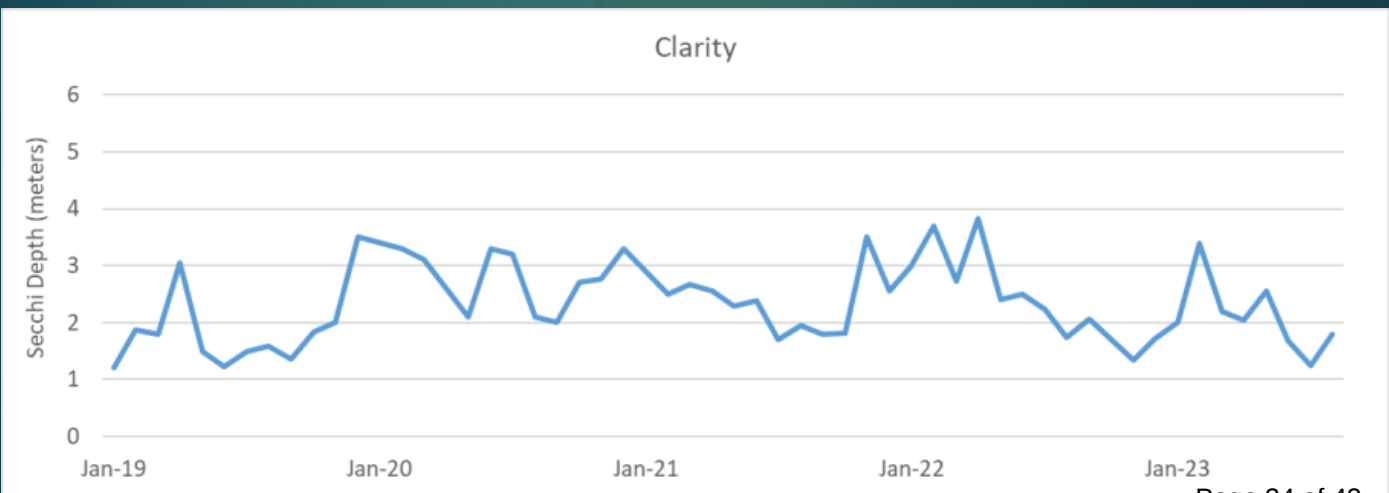
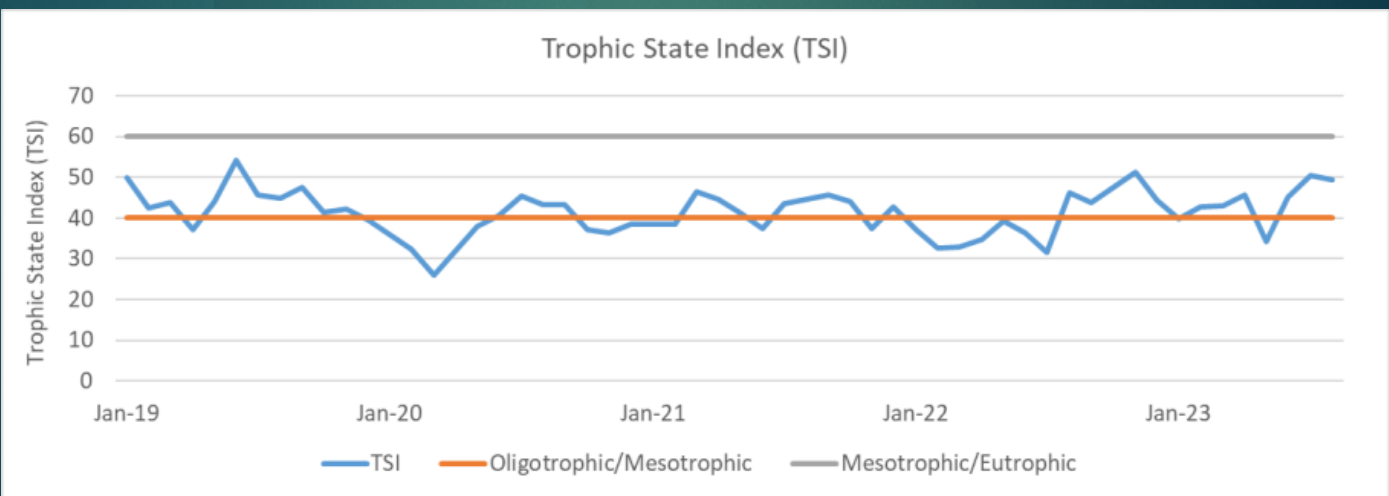
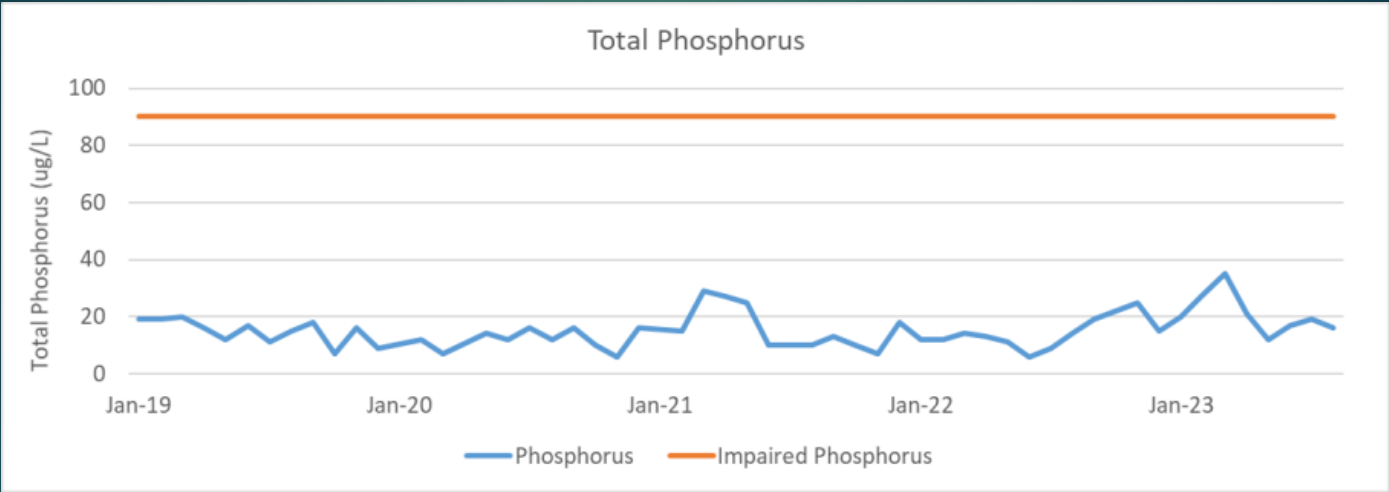
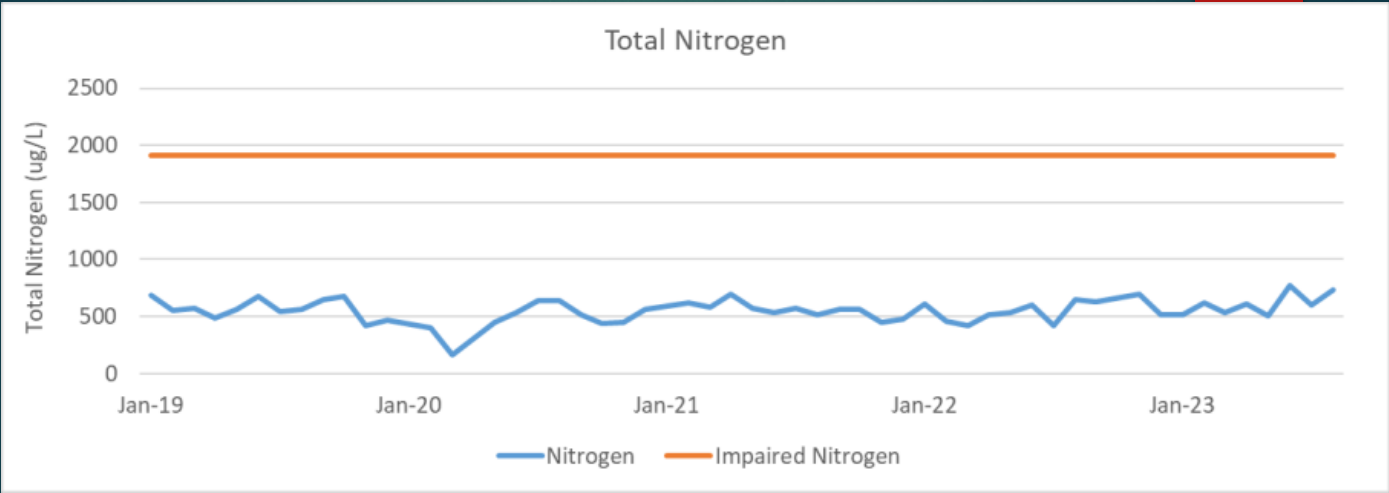
Lake Mizell Water Quality



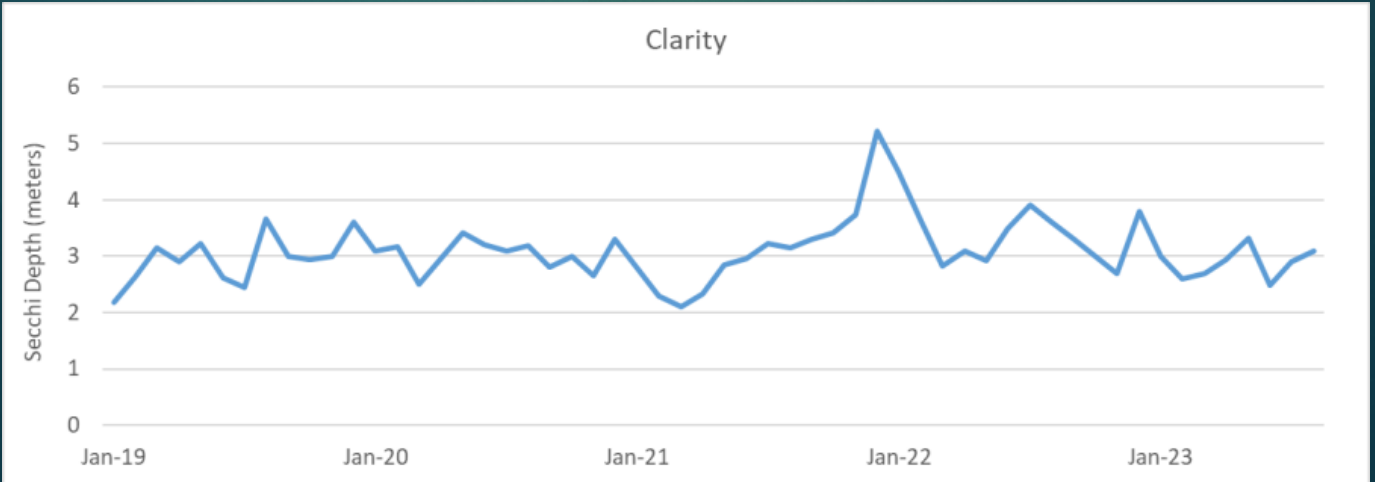
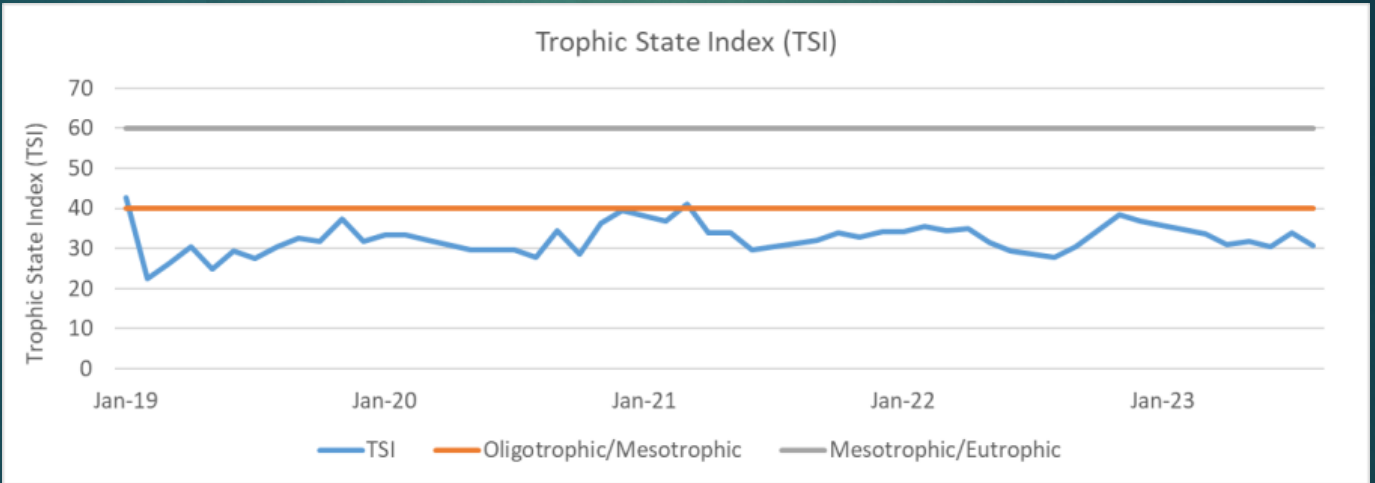
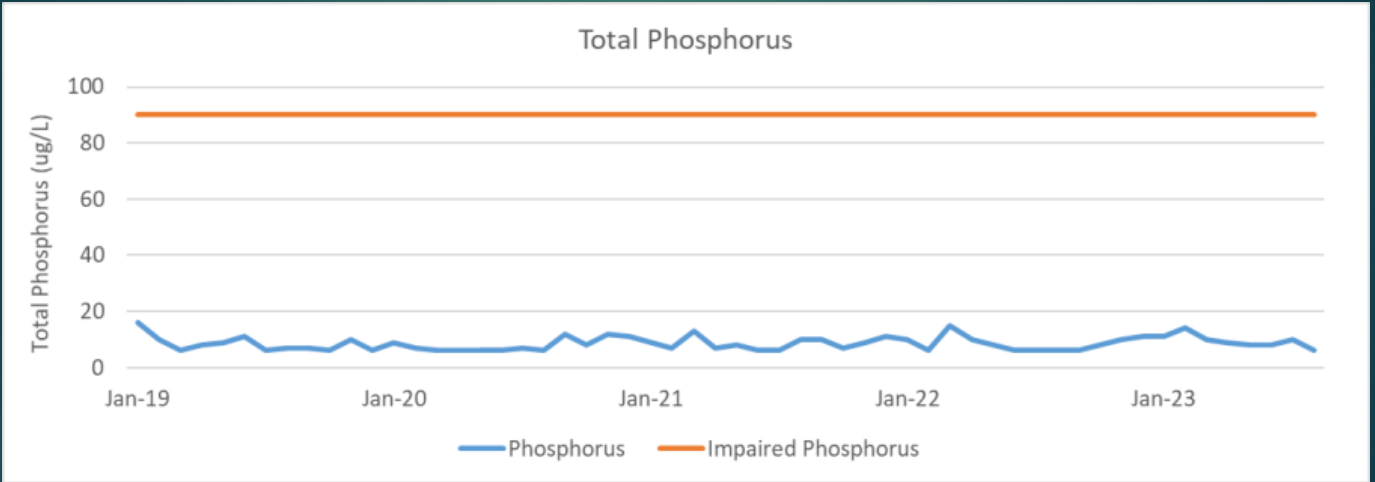
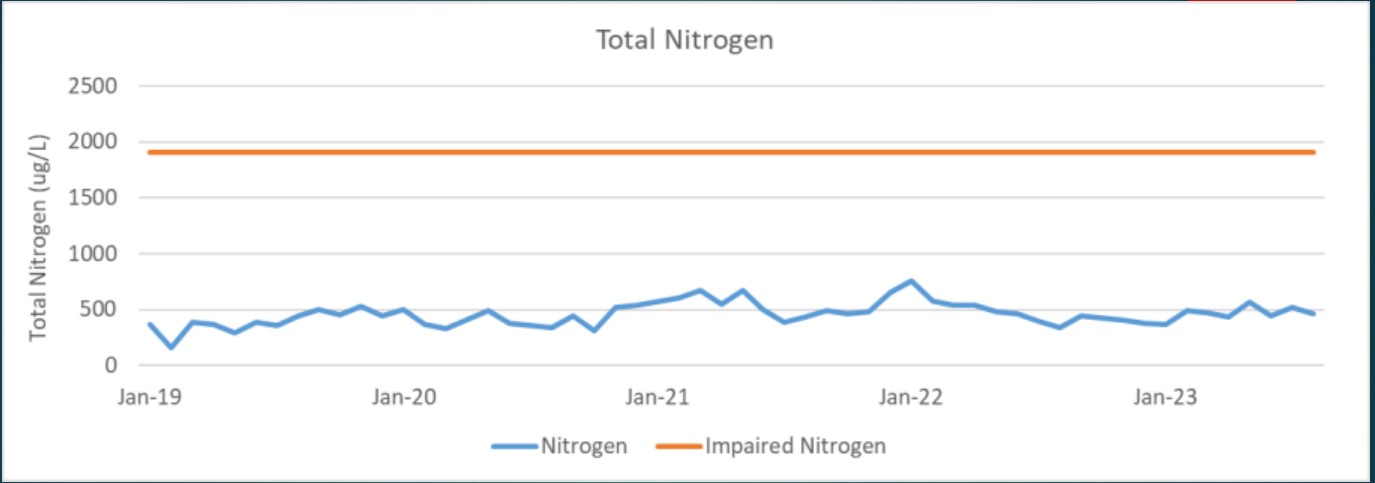
Lake Sue Water Quality



Lake Berry Water Quality



Lake Killarney Water Quality





Lakes & Waterways Board

agenda item

item type

Staff Updates

meeting date

January 9, 2024

prepared by

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

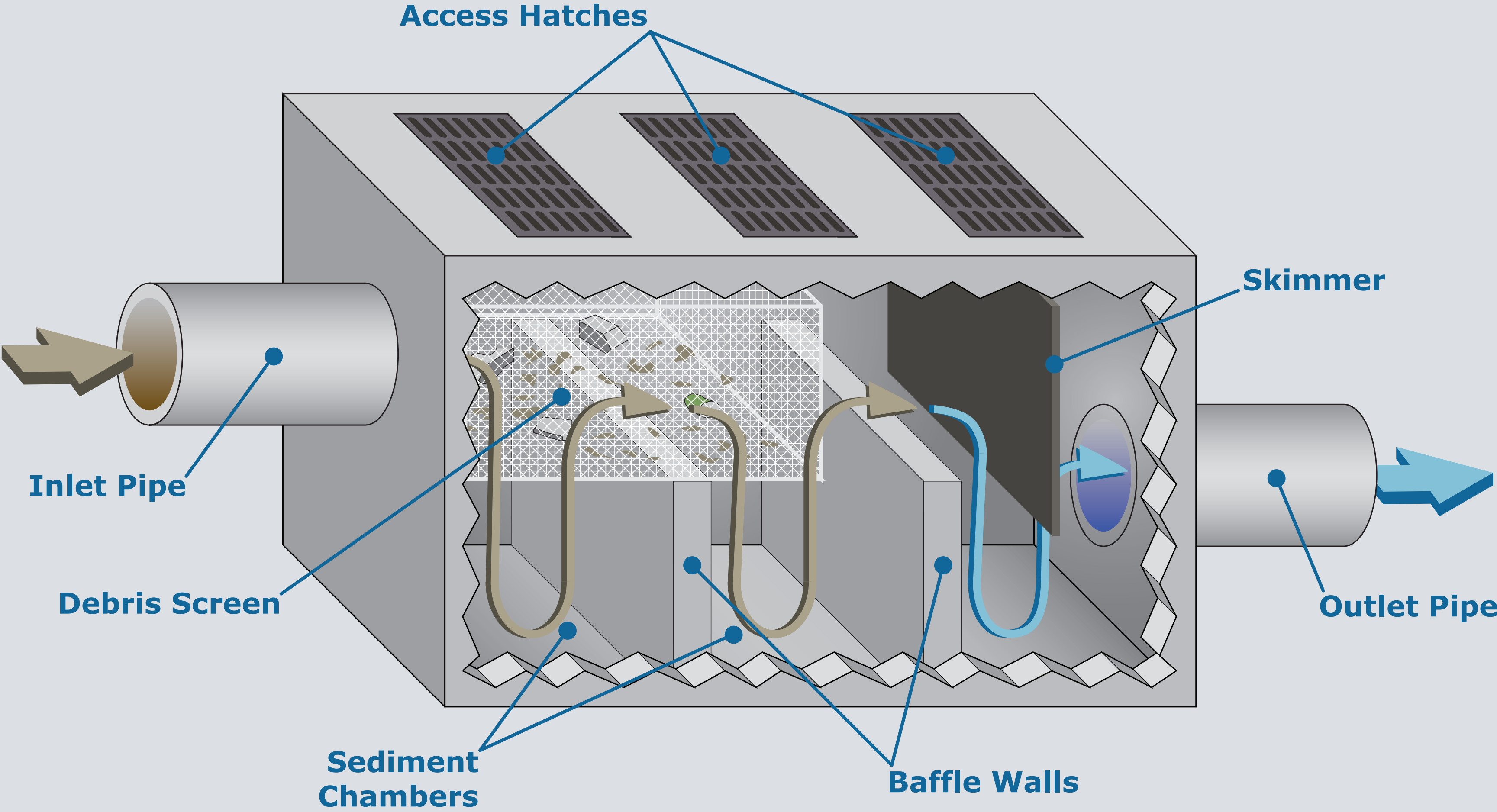
Staff Update

Stormwater Management

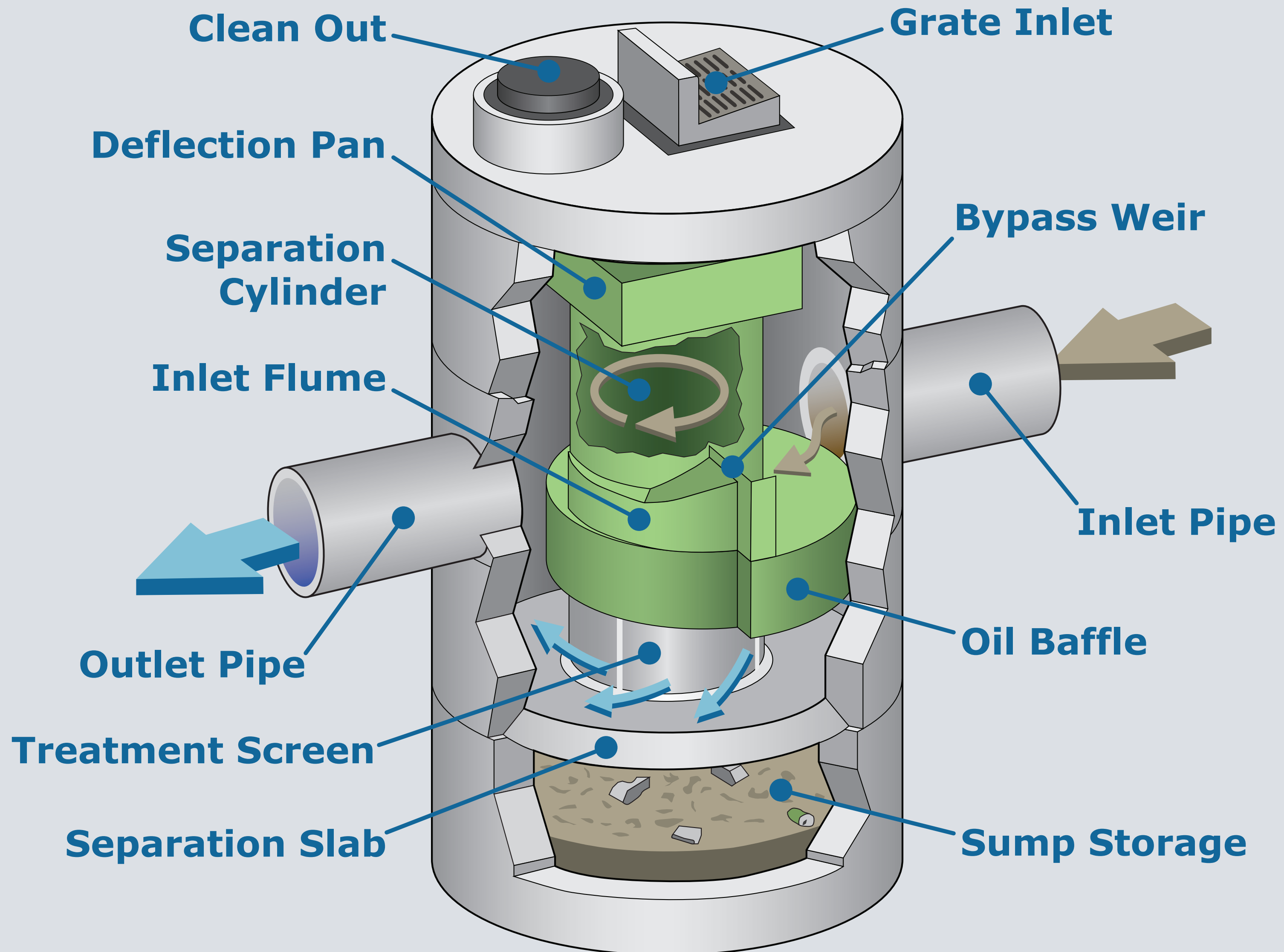
Stormwater Management – CIP

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	\$227,800	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 outfall 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 in August 2023.
				4) <u>357 E Lake Sue Ave</u> - Increase storm sewer inlet capacity at the low point in Lake Sue Ave. Expected completion date Dec 2023.
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 improvement plan to be developed Dec 2023/ Jan 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. Seeking options for general permit applicability.
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		\$1,730,418.00	BALANCE TOTAL

Inline Baffle Box



Continuous Deflective Separation (CDS) Unit





Lakes & Waterways Board

agenda item

item type

Board Comments

meeting date

January 9, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Discussion of Public Comments Received

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

None



Lakes & Waterways Board

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Upcoming Agenda Items

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Discussion of Upcoming Agenda Items

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None