



Lakes & Waterways Board Regular Meeting

Agenda

December 12, 2023 @ 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 November 14, 2023
- 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 Revision (BLDC-2023-0135) 2111 Via Tuscany 10 Minutes
 - b. Shoreline Alteration Permit (SAP-2023-0033) 1214 N Park Ave. 10 Minutes
- 5. Action Items**
 - a. Support Letter for the Appropriations Project Request for the Winter Park Chain of Lakes 10 Minutes
- 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

December 12, 2023

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

Approve the minutes of the regular meeting November 14, 2023

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

None



Lakes & Waterways Board Regular Meeting Minutes

November 14, 2023 at 12:00 PM

City Hall Commission Chambers
401 S. Park Avenue

Present

William H. Swartz Sr., Pamela L. Saffran, Justin J. Vermuth, George T. Vietor

Absent

Warren Bloom, Ed Webman, David March

1. Call to Order

The meeting was called to order at 12:01 p.m.

2. Consent Agenda

- a. Approve the minutes of the regular meeting on October 10, 2023

Motion made by Pamela Saffran to approve the minutes as presented; seconded by George Vietor. Motion carried unanimously with a 4-0 vote.

3. Public Comments (for items not on the agenda): Three minutes allowed for each speaker

There were none.

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

- a. Boathouse/Dock Application (BLDR-2023-0902) 1891 Lake Spier Dr

Staff presented the dock application for Brian Wilson located at 1891 Lake Spier Drive, along with parameters, photograph aerial view, and plans. The applicant is replacing an existing dock on Lake Spier. The application meets criteria and vegetation requirements.

Staff recommends approval of the application. The board asked clarifying questions and a brief discussion ensued.

Brian Wilson, applicant was present to answer questions from the board.

Motion made by William Swartz Sr. to approve the boat dock application; seconded by George Vietor. Motion carried unanimously with a 4-0 vote.

5. Action Items

a. Lake Knowles Management Plan

Staff presented the Lake Knowles Management Plan to the board, which included the Floating Management Plan as well. A brief discussion ensued. Staff informed the board of upcoming events.

Motion made by Justin Vermuth to approve the management plan; seconded by Pamela Saffran. Motion carried unanimously with a 4-0 vote.

6. Non-Action Items

There were none.

7. Staff Updates

a. Winter Park Police Department

There were no updates. The Winter Park Police Department were not present.

b. Lakes Management

Staff provided updates on current projects and events. The Natural Resources Conservation Service (NRCS) grant has commenced. The Howell Creek Stabilization project has commenced with a 2.2-million-dollar funding. Staff have informed residents of the upcoming project.

Regarding Lake Bell Weir, the kick-off meeting was held to gather data for the analysis of the Weir replacement. The scope of work is to perform a Geotechnical evaluation of

the structure and provide recommendations, improvements, repairs and stabilize the structure's wing walls and surrounding banks to reduce the potential for seepage.

Outfall cleaning continues, and sediment removal is underway at Lake Killarney.

Various events were discussed, including the collaboration between Keep Winter Park Beautiful & Sustainable and Urban forestry to host a tree planting event. Staff also updated the board on Lake Baldwin cleanup, Howell Creek restoration and Loch Haven Chain of Lakes Study.

Multiple treatments have been completed through the Florida Fish and Wildlife Conservation Commission, on Lake Maitland, Lake Nina and Lake Minnehaha. Crested floating hearts have spread to the Lakes, however, staff are controlling the situation to stop further spread of the plant.

Staff updated the board members on upcoming events, a brief conversation ensued.

c. Stormwater Management

Updates were given on the projects that were approved by the City Commission for the fiscal year 2024 budget.

The Sterling Bridge replacement project is underway. Improvements will include raising the headroom underneath the bridge by two feet for use by kayakers and canoers.

The Stormwater Management projects are underway at Quail Hollow and Golfside Community. A refund in the amount of \$200,000 has been added to the drainage improvement fund.

Staff distributed a cite plan to all board members. Updates were provided on Capital Improvement Projects (CIP), such as various drainage improvements, Glen Ridge Avenue and stormwater improvements.

8. Board Comments

a. Discussion of Public Comments Received

There were none.

9. Upcoming Agenda Items

- a. Discussion of Upcoming Agenda Items

Non-motor boats on Lake Spier

Vegetation maps.

FWC Brochure

10. Adjournment

The meeting adjourned at 12:38 p.m.

Minutes 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

December 12, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Boathouse/Dock Application Revision (BLDC-2023-0135) 2111 Via Tuscany

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

1. BLDC-2023-0135 Revision



LAKE SHORELINE BOATHOUSE/DOCK APPLICATIONS

BLDC-2023-0135

2111 Via Tuscany

- Applicant: Winter Park Racquet Club
- Contractor: Albert Cichra Builders
- Permitting Agent: Sheila Cichra
- Structure: Dock
- New/Existing: Existing
- Waterbody: Maitland

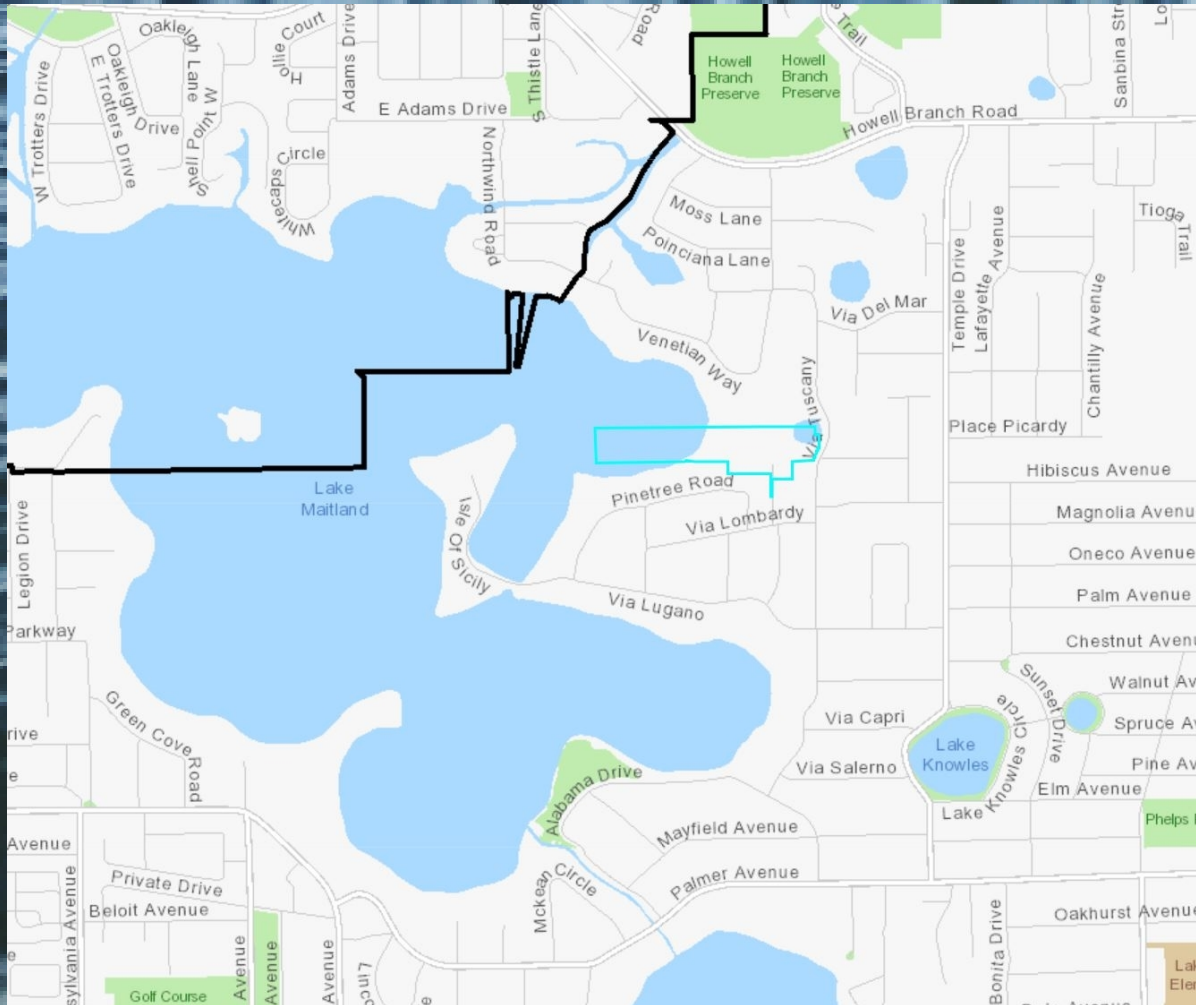
Parameters

Dock Parameter		Proposed	Allowed	Variance Req.?
Total Area (ft ²)	1,869	882 New (North) 987 Existing (South)	600 max	Yes
Length from OHW (ft)		55 New (North) 92 Existing (South)	30	Yes
Height of Roof (ft above deck)		N/A	11 max	NA
Height of Deck (ft above OHW)		1.5	2 max	No
Enclosures?		No	80 ft ² max (no plumbing/water allowed)	NA
Side Yard Setback(s) (ft)		>20	10 min*	N/A
Meet Vegetation Criteria?		Yes	50% or 50 ft which ever is less may be cleared	N/A

Staff Recommendation: Approve
Reviewed by: Joey Cordell

Map View

Basemap



Aerial View



Photos



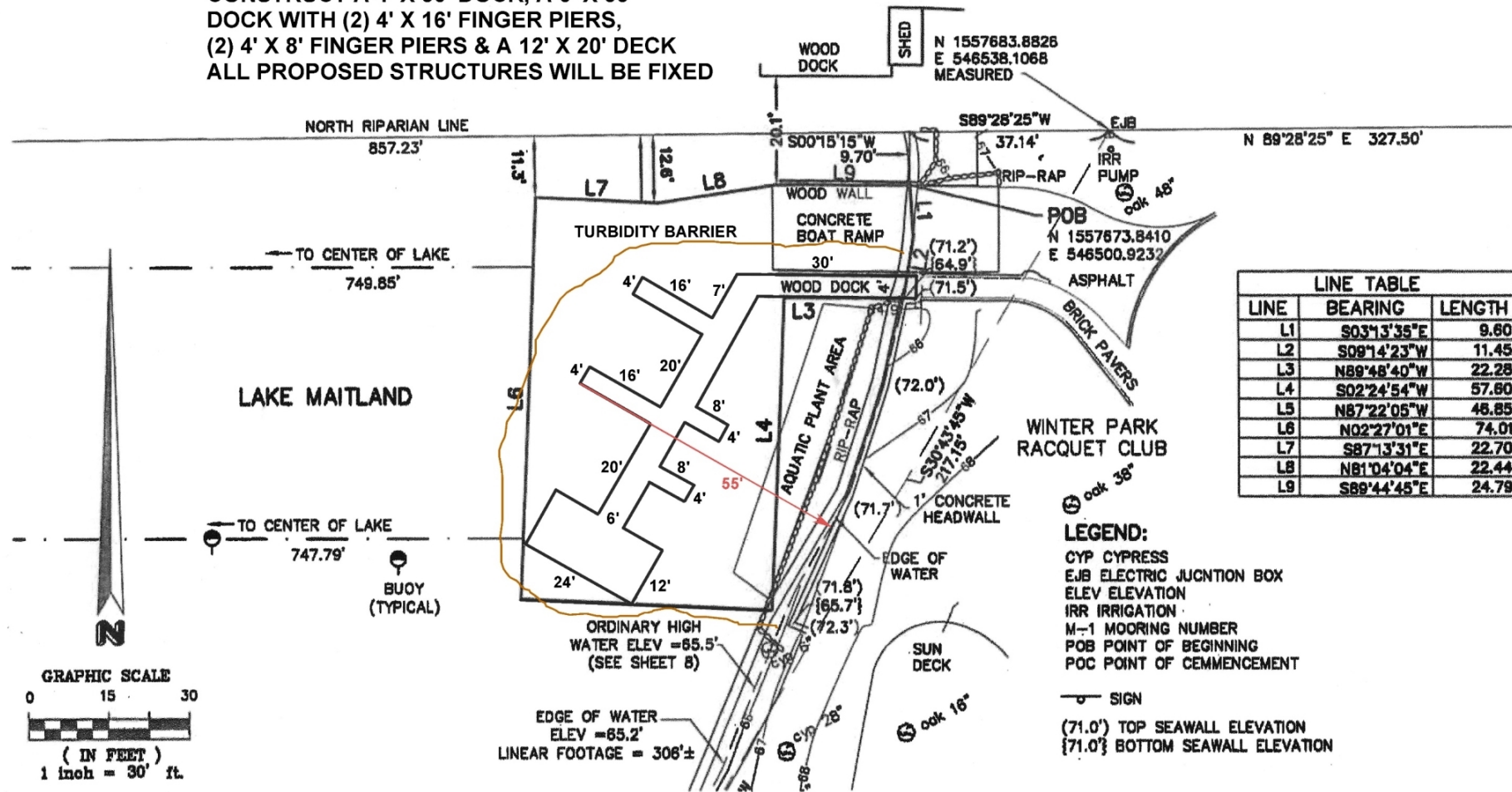
Photos



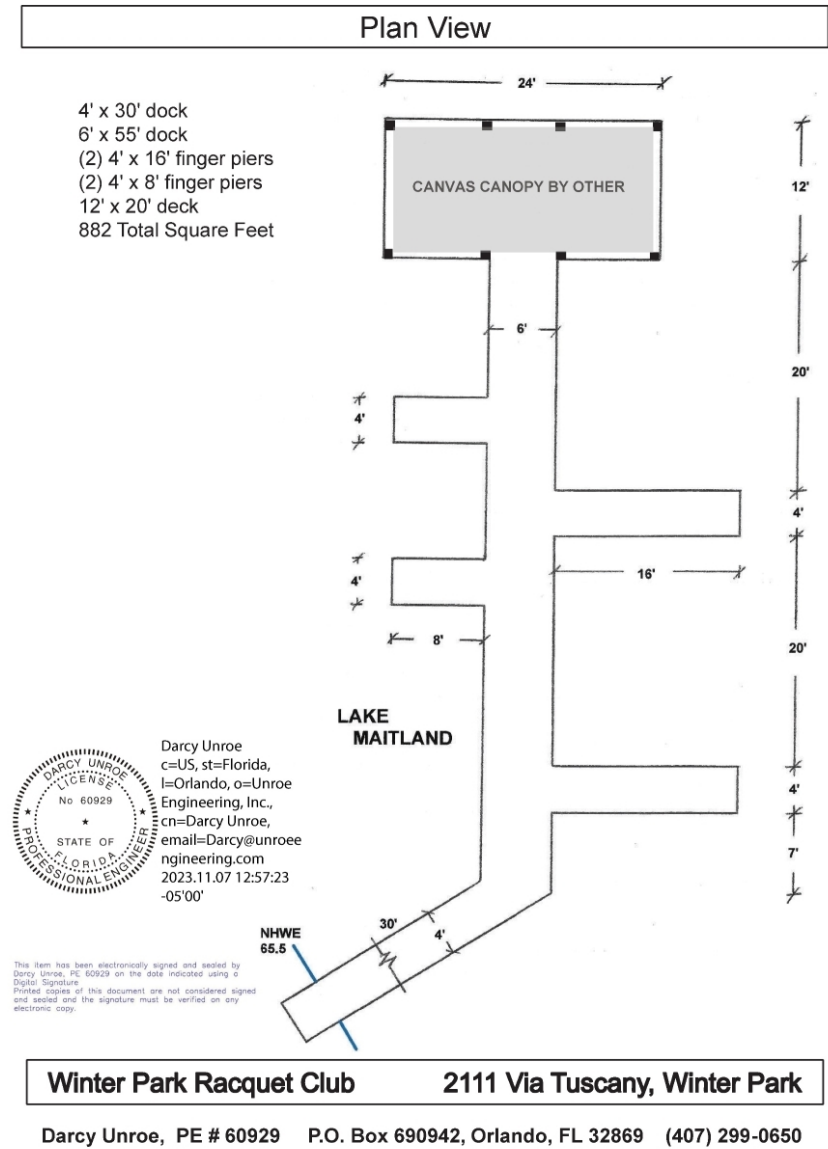
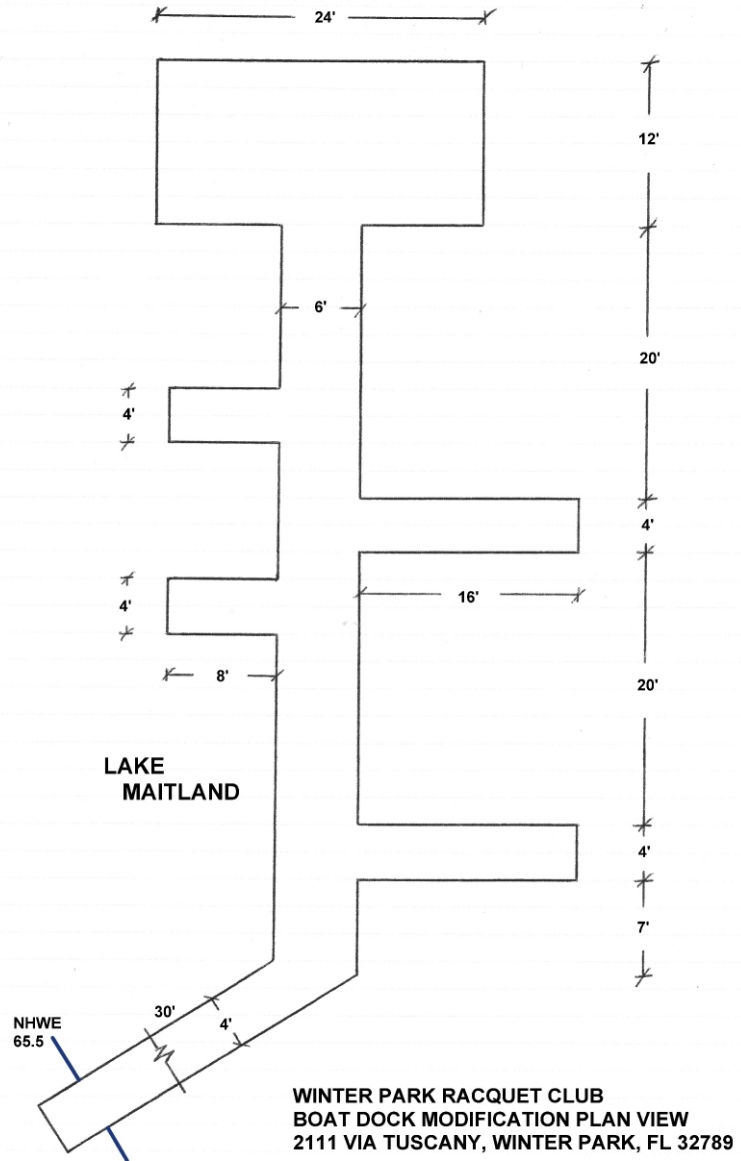
Site Plan

WINTER PARK RACQUET CLUB BOAT DOCK MODIFICATION SITE PLAN 2111 VIA TUSCANY, WINTER PARK, FL 32789

CONSTRUCT A 4' X 30' DOCK, A 6' X 55'
DOCK WITH (2) 4' X 16' FINGER PIERS,
(2) 4' X 8' FINGER PIERS & A 12' X 20' DECK
ALL PROPOSED STRUCTURES WILL BE FIXED

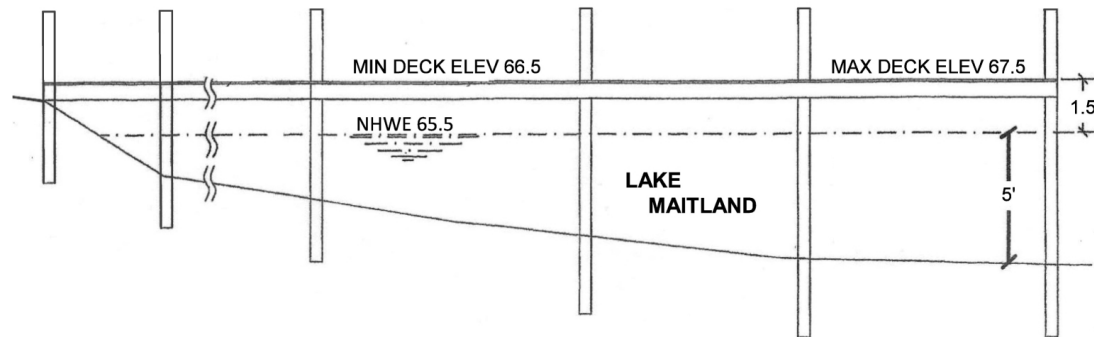


Plans

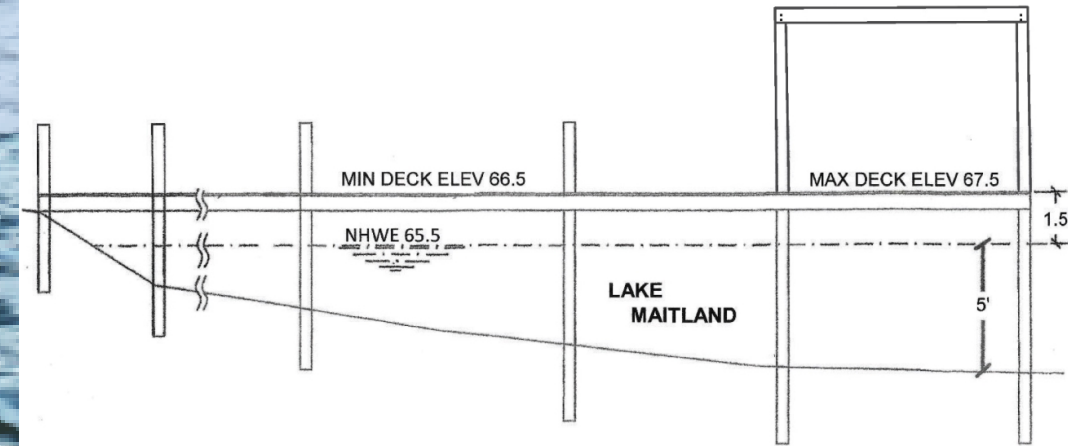


Plans

WINTER PARK RACQUET CLUB
BOAT DOCK MODIFICATION ELEVATION
2111 VIA TUSCANY, WINTER PARK, FL 32789



Elevation and FBC Specs



THIS STRUCTURE HAS BEEN DESIGNED TO MEET THE 2020 FLORIDA BUILDING CODE, 7TH EDITION AND ASCE 7- 16 AND 2017 NATIONAL ELECTRIC CODE.

1. BASIC WIND SPEED (V_{as}) = 108 MPH, ULTIMATE WIND SPEED (V_{ult}) = 140 MPH
2. IMPORTANCE FACTOR: $I = 1.0$
3. WIND EXPOSURE = CATEGORY D
4. OPEN STRUCTURE WITH A ZERO PRESSURE COEFFICIENT

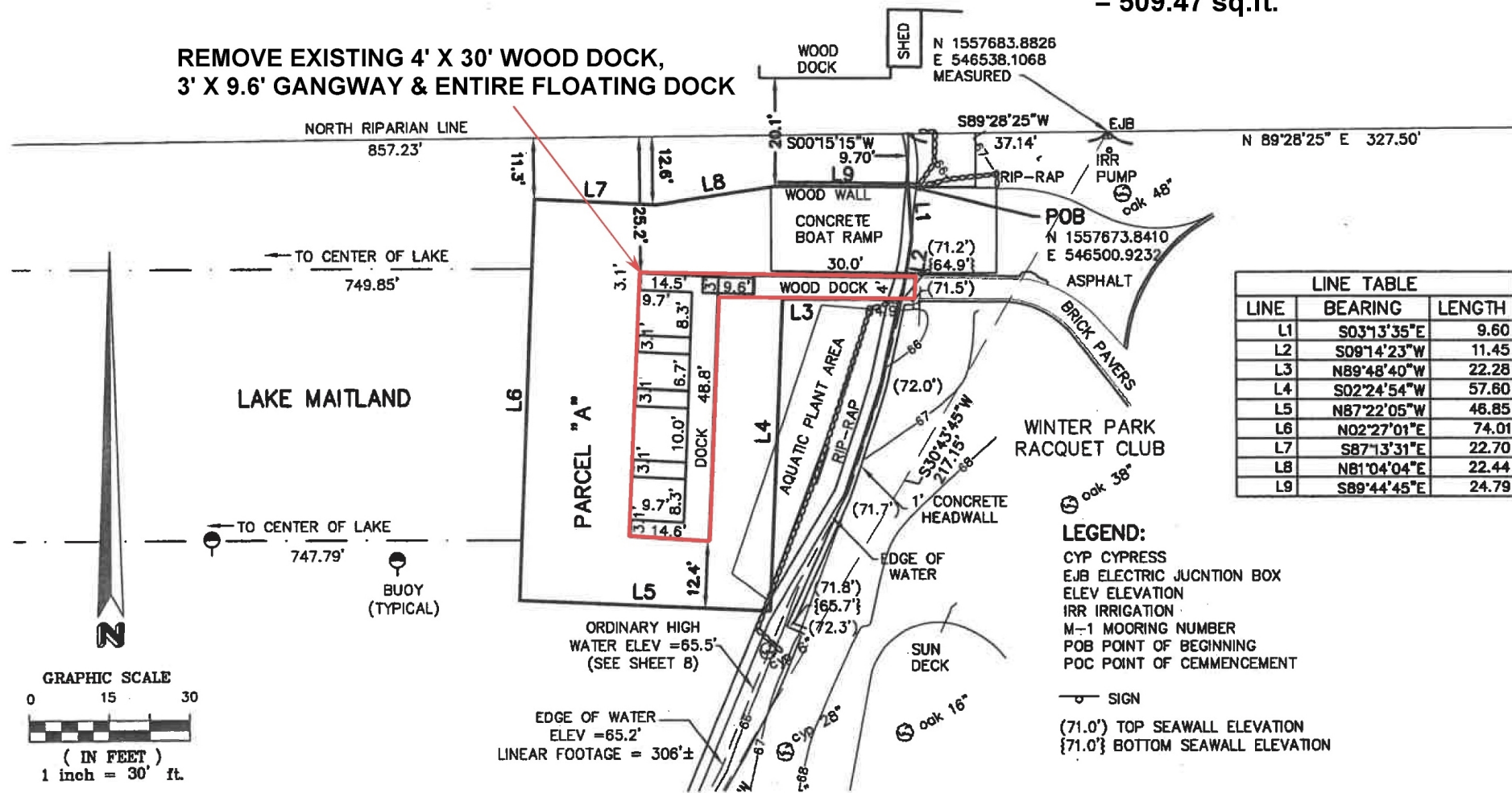
Winter Park Racquet Club

2111 Via Tuscany, Winter Park

Demo Plans

WINTER PARK RACQUET CLUB DEMO PLAN 2111 VIA TUSCANY, WINTER PARK, FL 32789

Existing Square Footage:
4.9' x 48.8' (main walkway or "dock")
+ 5 x 3.1' x 9.7' (finger piers)
+ 4' x 30' (wood dock)
= 509.47 sq.ft.





Lakes & Waterways Board

agenda item

item type

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

meeting date

December 12, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

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

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

1. Lakes Update 2023.12



Lakes and Waterways Advisory Board

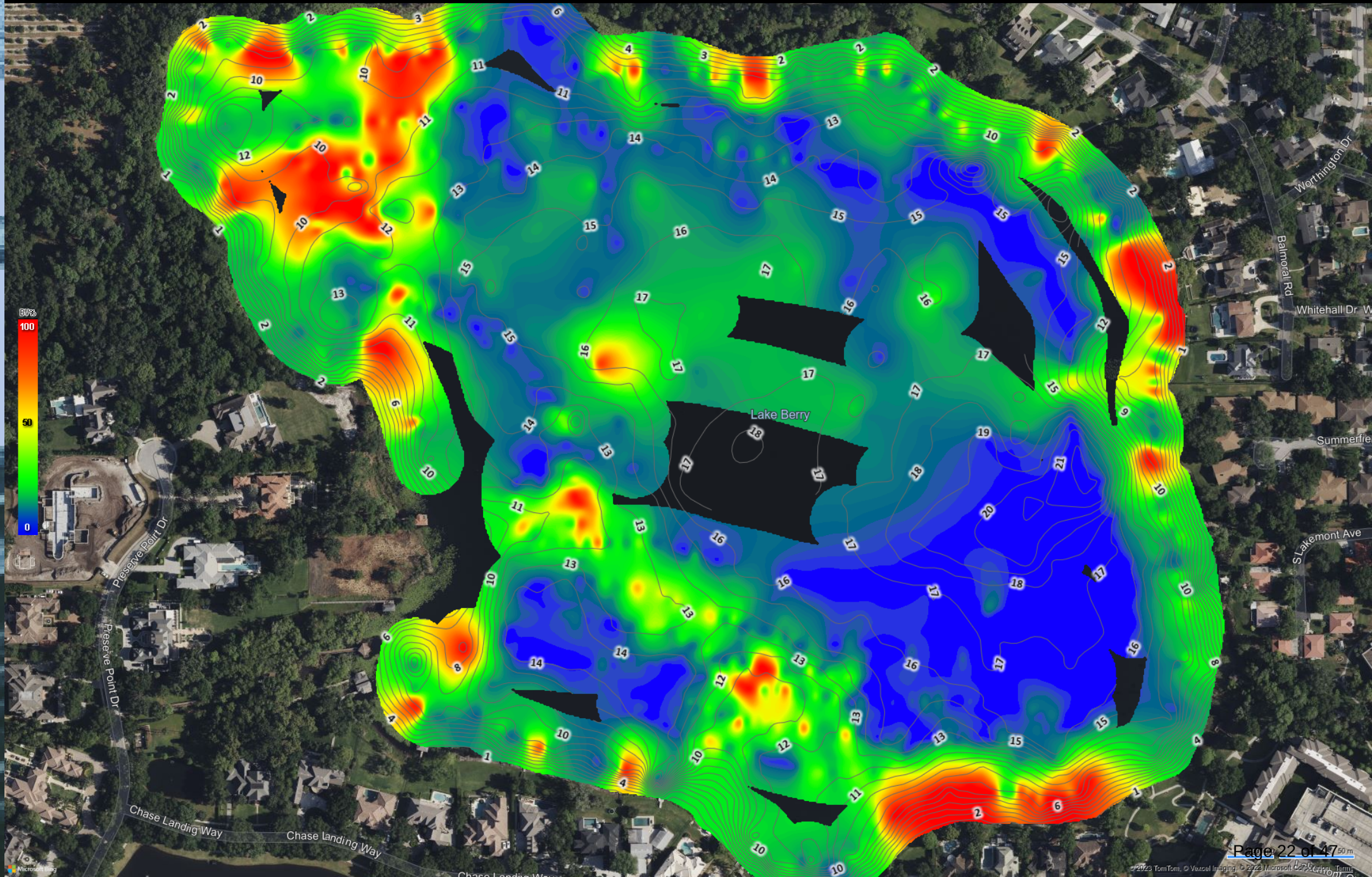
December 2023

Lakes Updates

- Natural Resource Conservation Services (NRCS) Funds- Project Status
- Treatments
- September/October Biobase cont.
- Telemetry Stations
- Howell Creek Restoration
- Monthly Dock Party – Concluded
- Lakes Knowles and Wilbar Shoreline Restoration Dec 16th

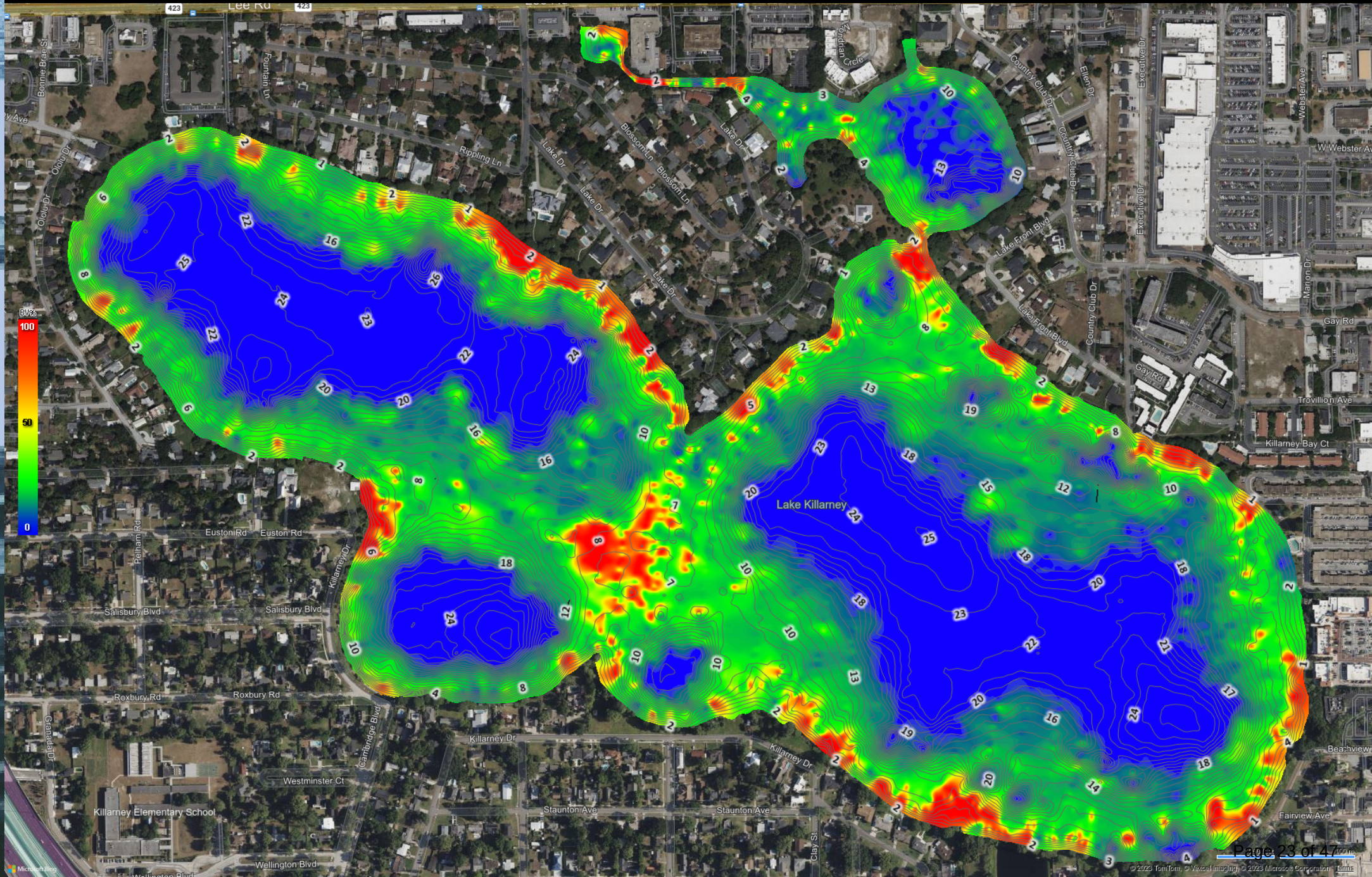
Percent Area
Coverage
(PAC): 57%

Average
BioVolume
Percentage
(AvgBVp): 39%



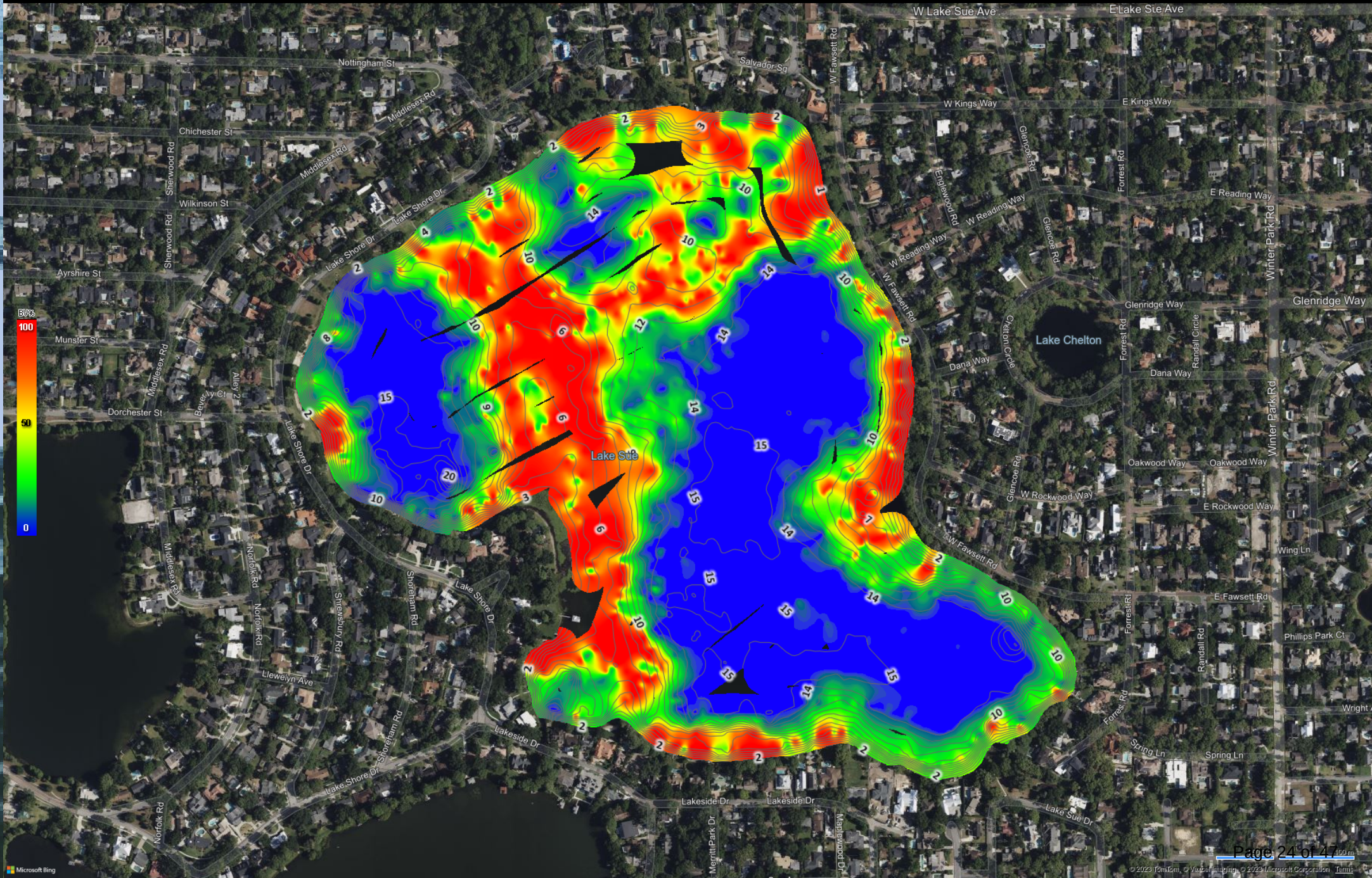
Percent Area
Coverage
(PAC): 62%

Average
BioVolume
Percentage
(AvgBVp): 30%



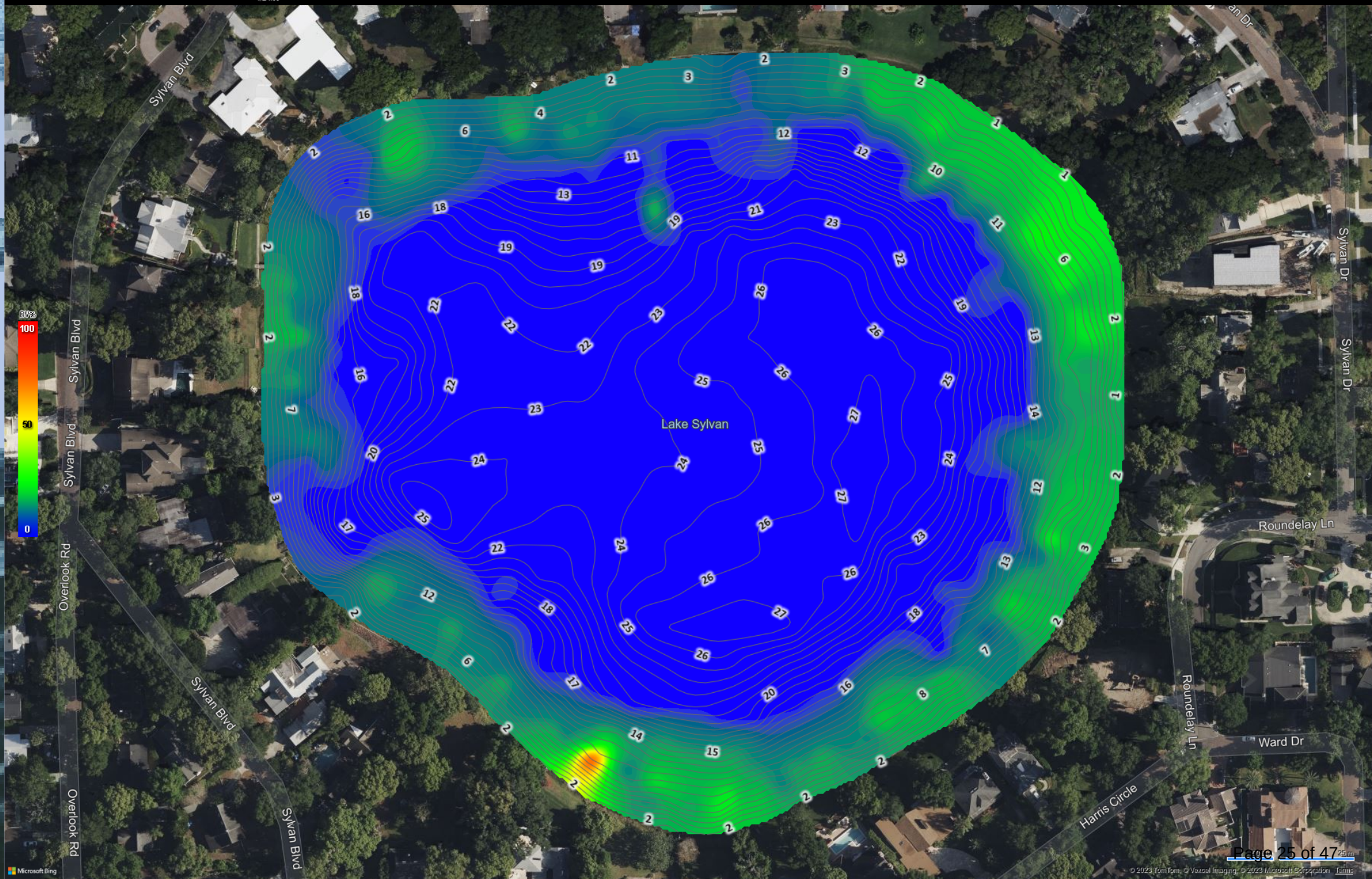
Percent Area
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Average
BioVolume
Percentage
(AvgBVp): 49%



Percent Area
Coverage
(PAC): 31%

Average
BioVolume
Percentage
(AvgBVp): 12%





KWPB VOLUNTEER event

lake knowles & lake wilbar SHORELINE RESTORATION

**saturday
dec 16**

9 - 11 a.m.
wilbar circle @
edgewater drive

**volunteers
needed to**

plant native species,
remove invasive plants
& clean-up litter
[knee-deep water]

**to sign up
contact**

407.599.3364
kwpb@cityofwinterpark.org
cityofwinterpark.org/kwpb

please wear closed-toe shoes
be prepared to wade through knee-deep water

water provided
[remember to bring your own reusable bottle to fill up]

brought to you by





Lakes & Waterways Board

agenda item

item type

Action Items

meeting date

December 12, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

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

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

1. WP Lakes- Fill In Support Letter

December 6, 2023

House Representative Anna V. Eskamani
1507 East Concord Street
Orlando, FL 32803-5411

Re: Support for the Appropriations Project Request for the Winter Park Chain of Lakes

Dear Representative Anna V. Eskamani:

The City of Winter Park has submitted a grant to study and protect the Winter Park Chain of Lakes in the amount of \$500,000 under the Florida House of Representatives Appropriation Project Request form.

These monies would be used in two ways: first, to fund a comprehensive water quality nutrient load study of the Winter Park chain of lakes, a group of lakes in central Florida which constitute a crucial portion of the stormwater drainage basin for the Cities of Maitland and Winter Park as well Orange County and Seminole County at large; and second, to obtain recommendations on actions which can address sources contributing to harmful algal blooms (HABs) based on learnings from the nutrient load study. The Winter Park chain, as defined in the grant application, includes Lakes Virginia, Mizell, Osceola, and Maitland.

HABs have chronically and very adversely impacted the health and usage of these lakes in recent years. Although HABs are a problem in many parts of our state, these lakes play an important role in stormwater management for Maitland, Winter Park, and Orange/Seminole County.

The Chain of Lakes is headwaters of the Howell Branch Watershed that is located within Orange County and spans 23.3 square miles. The watershed contains 64 named lakes/ponds and 5 named rivers/streams. The ultimate discharge is Lake Jesup and the St. John's River. The St. John's River is the longest river in Florida, stretching 310 miles from Indian River County to the Atlantic Ocean in Duval County. It was designated as one of the American Heritage Rivers in 1997.

Over the years, several jurisdictions have spent resources to protect and enhance the health of these lakes. If approved, the study recommendations made possible by this grant will provide the basis for a more formal multi-jurisdictional plan to protect and enhance the health of this important watershed.

On behalf of **INSERT NAME**, we hope you consider this grant as we pursue protecting our watershed together. As a stakeholder located directly on the Winter Park Chain of Lakes, protecting this natural resources is a priority.

Sincerely,

NAME

Address

Phone &/or Email



Lakes & Waterways Board

agenda item

item type

Staff Updates

meeting date

December 12, 2023

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

December 12, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Lakes Management

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

1. Lakes Update 2023.12



Lakes and Waterways Advisory Board

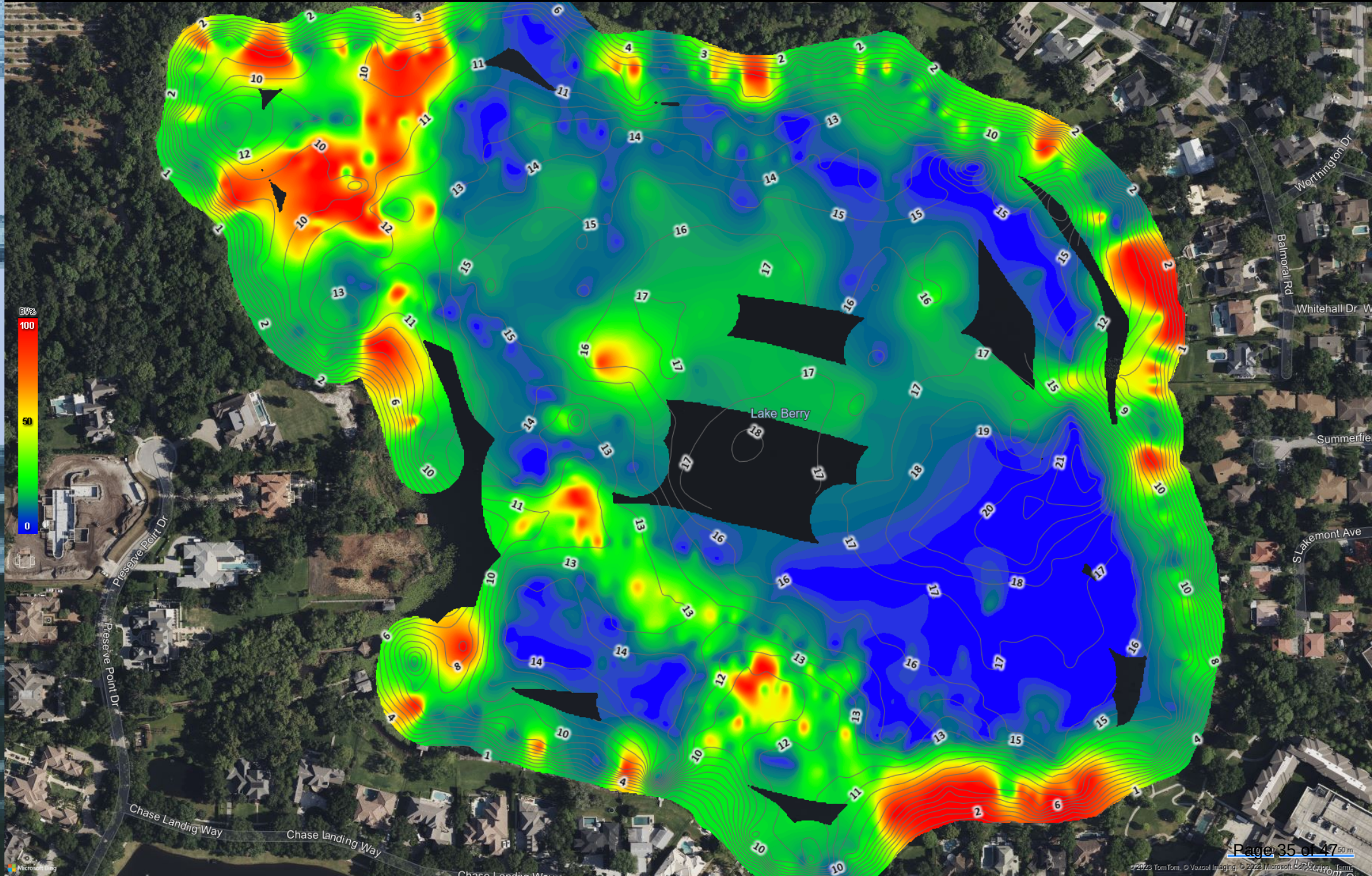
December 2023

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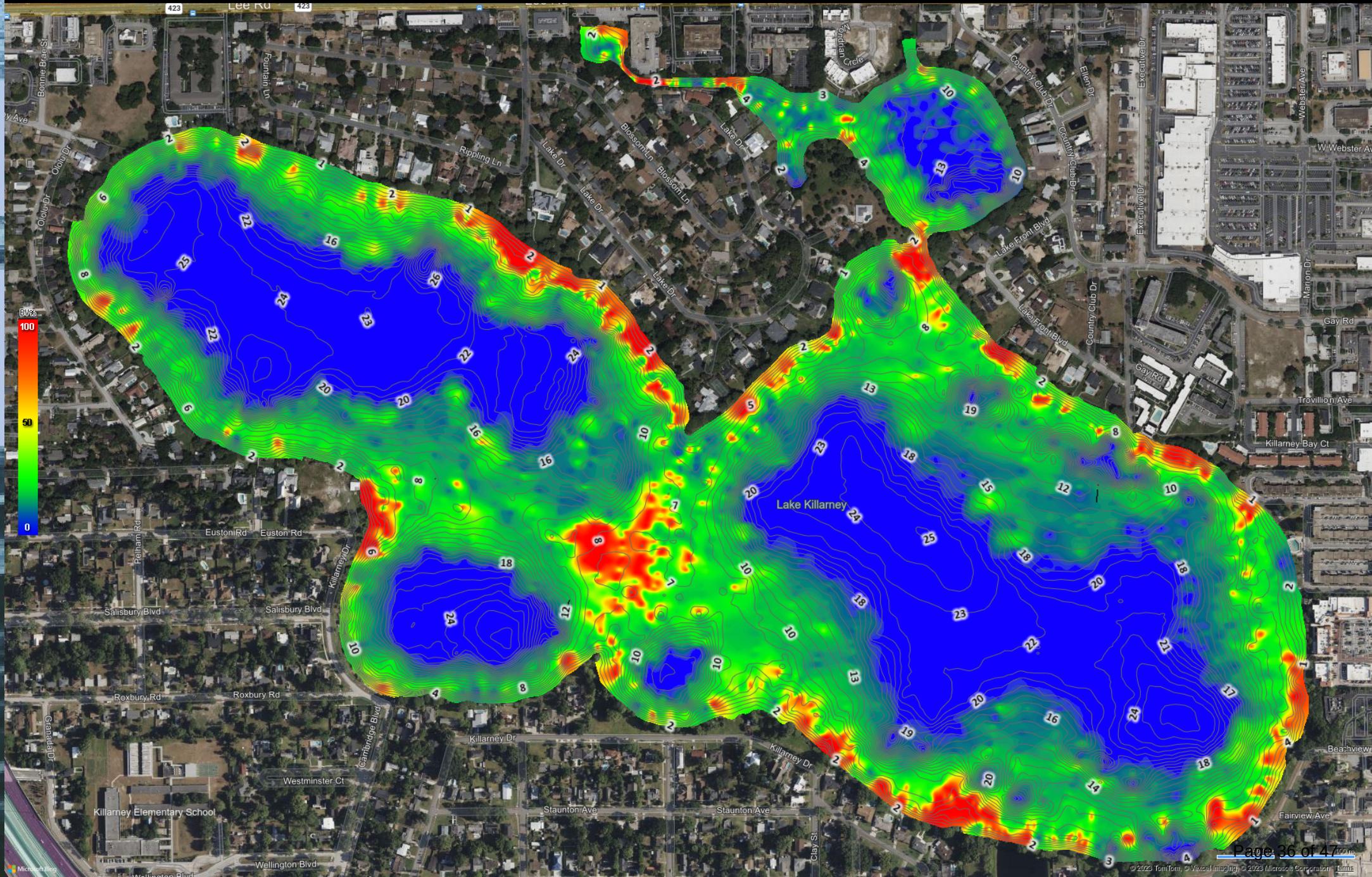
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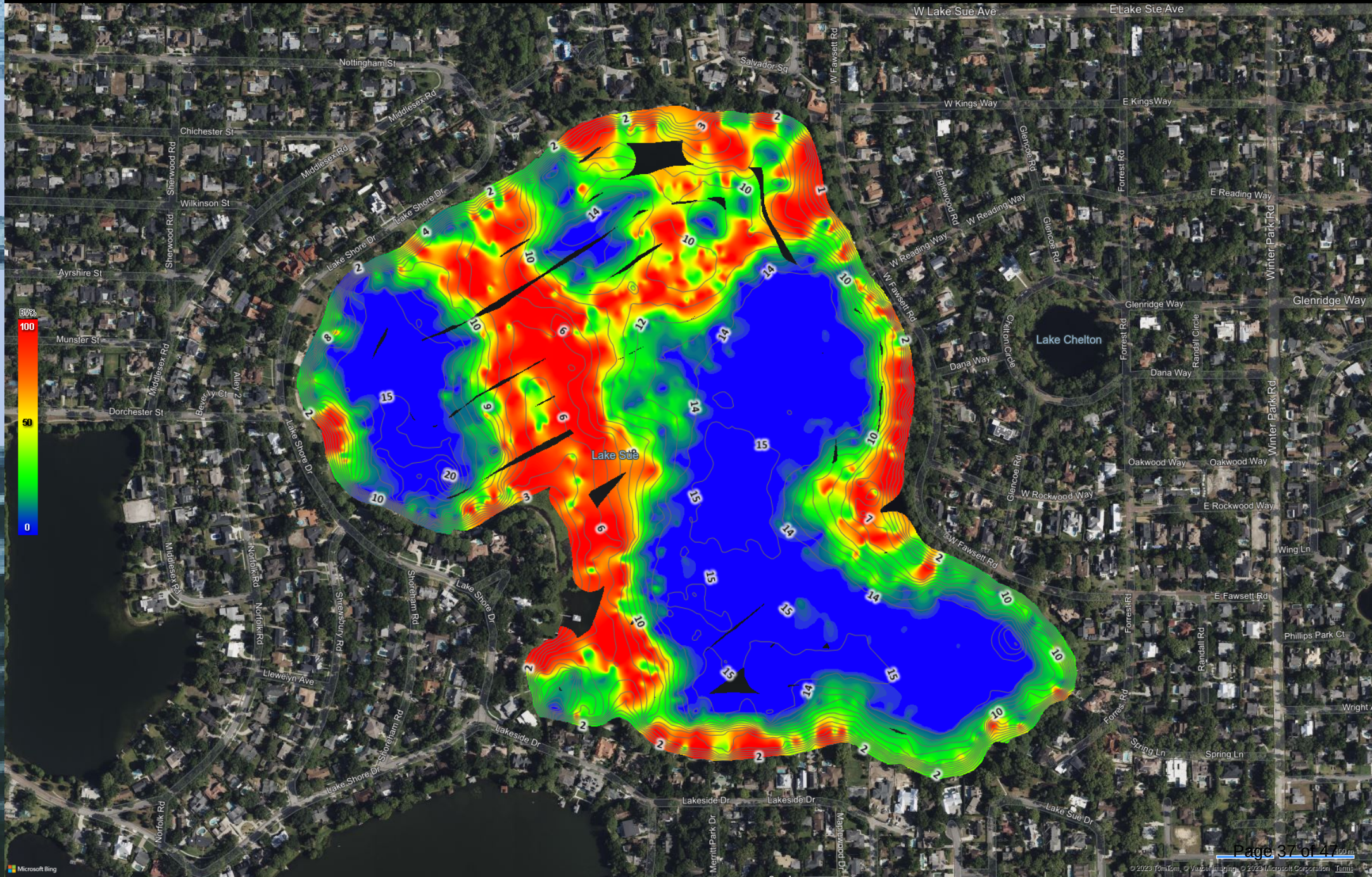
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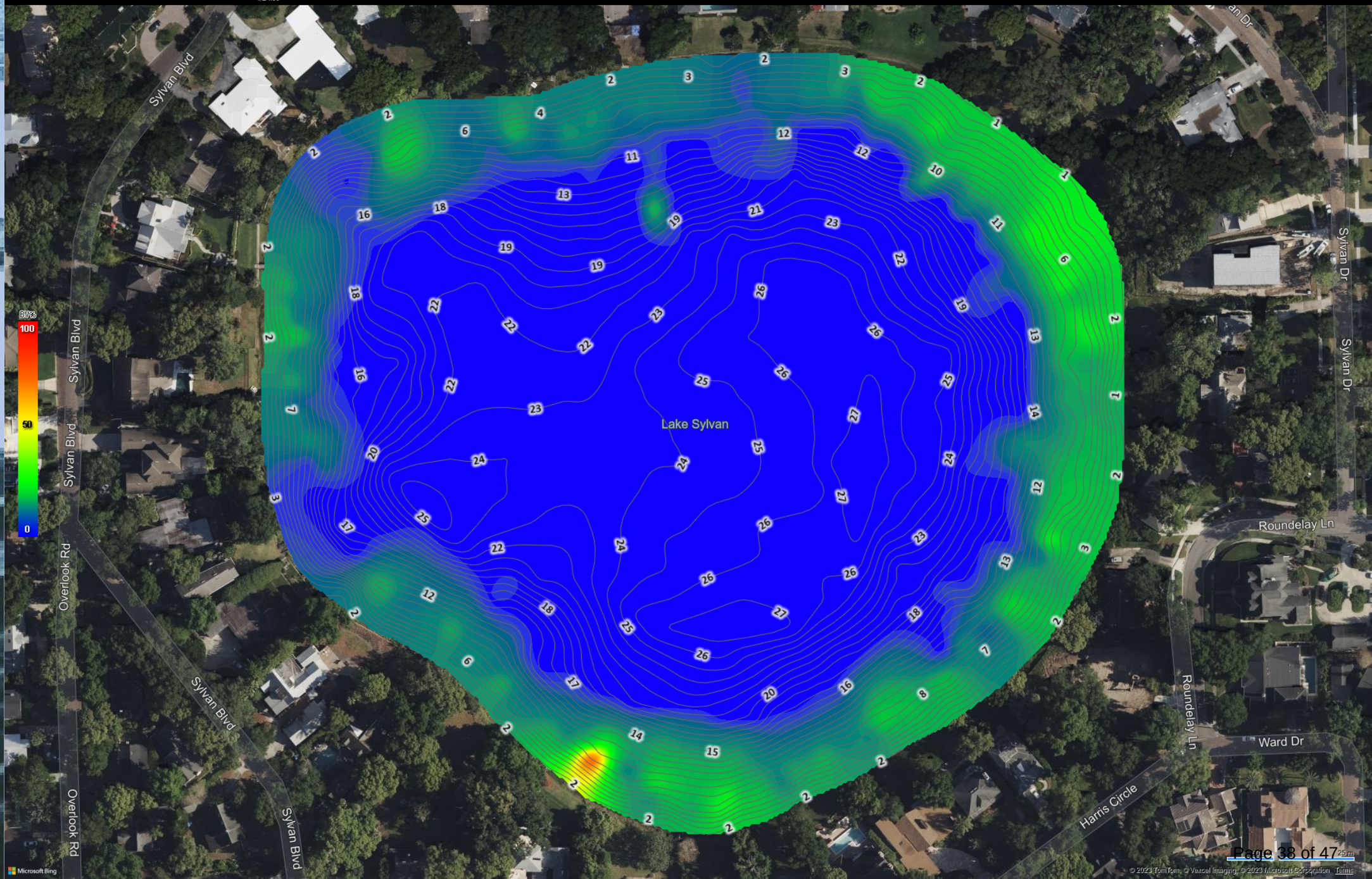


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Average
BioVolume
Percentage
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KWPB VOLUNTEER event

lake knowles & lake wilbar SHORELINE RESTORATION

**saturday
dec 16**

9 - 11 a.m.
wilbar circle @
edgewater drive

**volunteers
needed to**

plant native species,
remove invasive plants
& clean-up litter
[knee-deep water]

**to sign up
contact**

407.599.3364
kwpb@cityofwinterpark.org
cityofwinterpark.org/kwpb

please wear closed-toe shoes
be prepared to wade through knee-deep water

water provided
[remember to bring your own reusable bottle to fill up]

brought to you by





Lakes & Waterways Board

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Staff Updates

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prepared by

Victoria Tabor, Administrative Coordinator II

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Victoria Tabor, Administrative Coordinator II

subject

Stormwater Management

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

1. SW Update

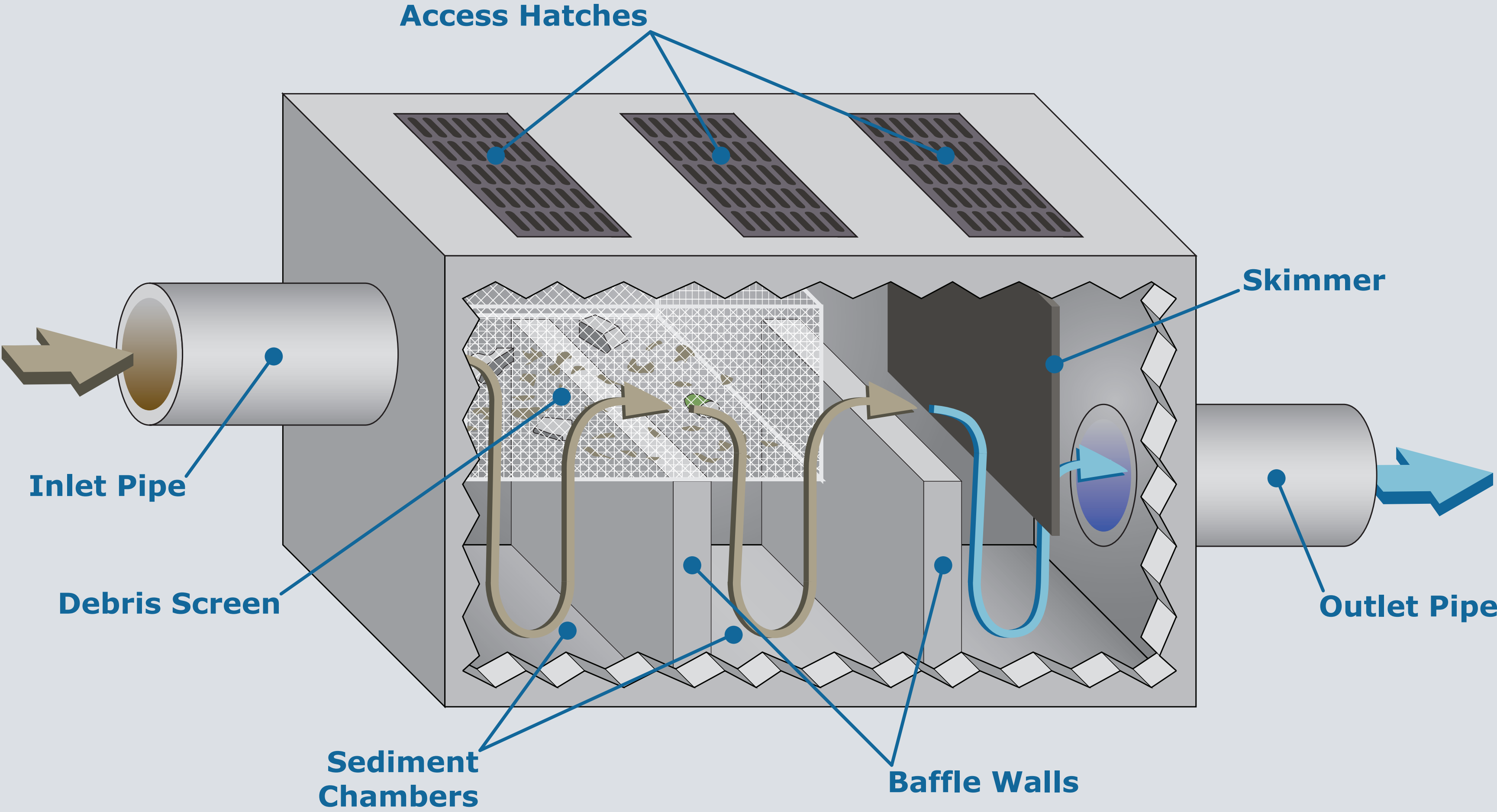
Staff Update

Stormwater Management

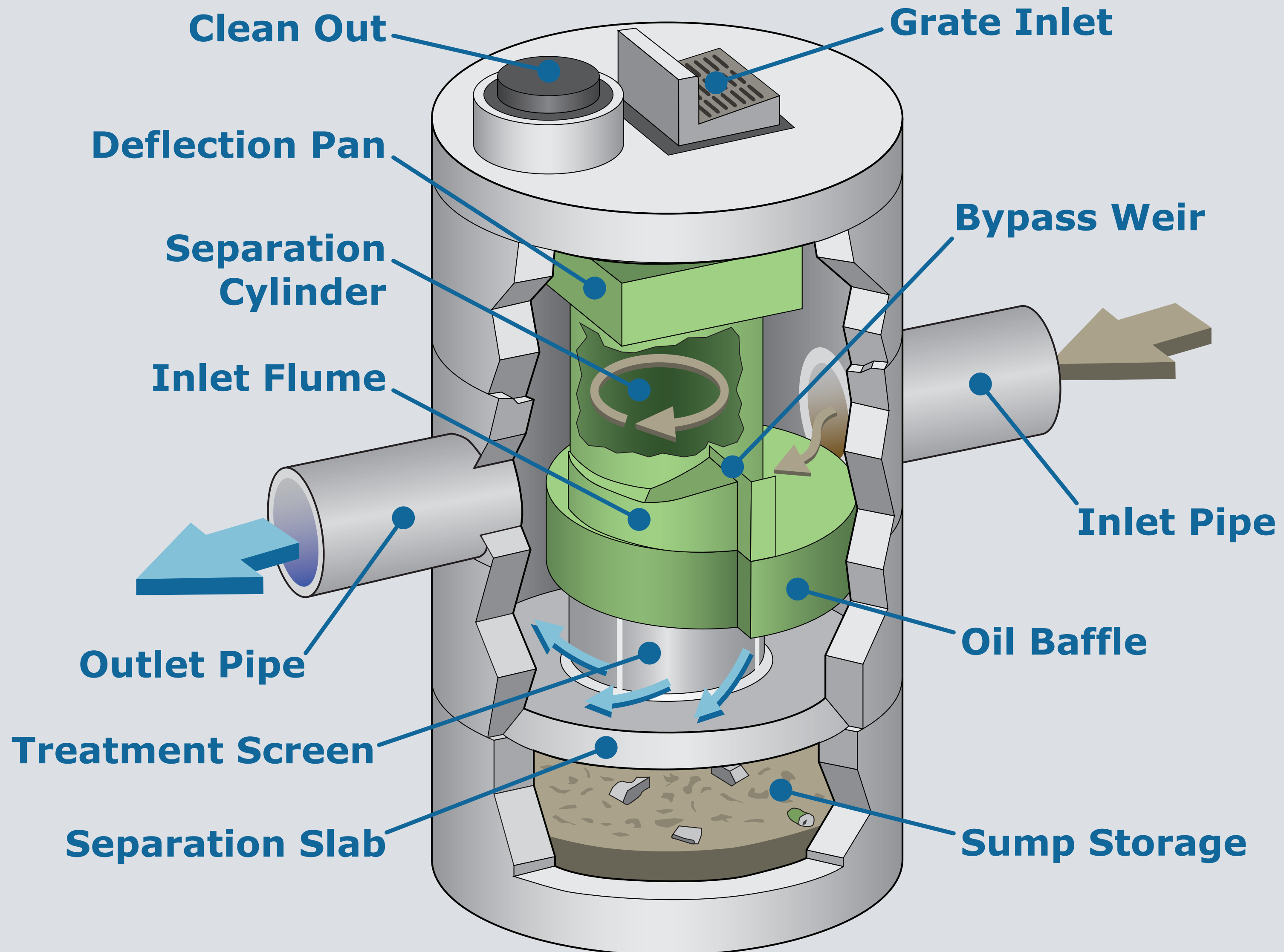
Stormwater Management – CIP

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

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Board Comments

meeting date

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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

meeting date

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prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Discussion of Upcoming Agenda Items

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

None