



Lakes & Waterways Board Regular Meeting

Agenda

November 8, 2022 @ 12:00 pm

City Hall Commission Chambers

401 S Park Ave

Winter Park, FL

welcome

Agendas and all backup material supporting each agenda item are accessible via the city's website at cityofwinterpark.org/bpm 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 of the Meeting Minutes for September 13, 2022 2 Minutes
 - b. Approve of Meeting Minutes for October 11th, 2022 2 Minutes
 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**
 - a. Update on variance authority for waterfront docks/boathouses/gazebos. 10 minutes
 7. **Staff Updates**
 - a. Winter Park Police 10 Minutes
 - b. Lakes Management 10 Minutes
 - c. Stormwater Management 10 Minutes
 - Lake Sylvan Update
 - Lake Chelton Update
 - Canal Dredging Status
 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	November 8, 2022
prepared by	Victoria Tabor	approved by	
board approval			
strategic objective			

subject

Approve of the Meeting Minutes for September 13, 2022

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

[09.13.2022 Lakes Waterways Board Meeting Minutes](#)



Lakes & Waterways Board Regular Minutes

September 13, 2022 at 12:00 p.m.

City Hall Commission Chambers
401 S. Park Ave. | Winter Park, Florida

Present

Board Members: William Swartz, Pam Saffran, Ed Webman, Justin Vermuth, Warren Bloom. Lindsay Eriksson Siddiqui (Virtual).

Absent: Robert Bendick

City Staff: Natural Resources and Sustainability Director Gloria Eby, Assistant Director of Public Works Don Marcotte, Stormwater Engineer Shannon Monahan, Lakes Division Manager Joey Cordell, Winter Park Police Department Luke Hofer, Admin Coordinator/Recording Secretary Victoria Tabor.

(1) Call to Order

The meeting was called to order by Mr. Webman at 12:00 p.m.

(2) Consent Agenda

Motion to approve minutes August 9, 2022 made by Mr. Swartz, seconded by Mr. Vermuth. Motion carried unanimously with a 6-0 vote. Mr. Bendick was absent.

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

No Public Speakers

(4) Public Hearings

(5) Action Items

a. Muscovy Duck Removal:

Mrs. Eby gave a presentation on the Muscovy Ducks, which are an invasive species, populate quickly, inbreed with the native waterfowl, and contribute to poor water quality. The link to FWC website that gives more information about the Muscovy duck was included in the agenda packet. Because the ducks are an invasive species, they cannot be relocated and must be euthanized. The Natural Resources & Sustainability and Parks and Recreation departments are doing an education campaign; however, this is cause resident concerns and is highly controversial. Mrs. Eby responded to questions providing additional details on the removal process.

Commissioner Weaver asked staff how trappers charge and Mrs. Eby said that the city had previously received quotes from a local company based on the total job. Mrs. Eby responded to questions from a resident of 1151 Via Salerno on removal and residents feeding the ducks. Mrs. Eby said removal is an ongoing, and the current plan is to provide education to residents.

Motion to move forward with removal of the Muscovy Ducks made by Mr. Webman, seconded by Mr. Bloom. Motion carried unanimously with a 6-0 vote. Mr. Bendick was absent. Mrs. Eby informed the board that this will now go to the Parks and Recreation board and then to the City Commission for final approval.

(6) Non-Action Items

a. Private Lift Stations: Water/Wastewater Department -

Mrs. Eby stated this a follow-up to discussions of the lift station failure at Lakeside Plaza on 1792 that spilled into Lake Killarney and questions raised regarding maintenance and accountability of private lift stations. Because of those questions, city staff is reviewing the city code and considering language that

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September 13, 2022 Month DD, YYYY

Page 2

would provide safeguards related to private lift stations. Staff will provide updates to the Board as they become available.

b. Chain of Lakes Open House in the Fall -

During the FLMS conference Mrs. Eby and Mr. Cordell learned of Fish and Wildlife Conservation approach to the Harris Chain of Lakes and Mrs. recommended following their approach to have an open house for residents on the Chain of Lakes. The Board supported the idea and staff will coordinate dates and venue and provide an update to the Board

(7) Staff Updates

a. Winter Park Police -

Officer Hofer gave the board an update on activity in the past few months which has been reduced since school has resumed and because of continued enforcement. In the past couple months, he has conducted 59 safety inspections and 63 vessel stops. He noted that September was the last month of the lake season and routine patrol but the police department will continue to respond to calls.

b. Lakes Management -

Mr. Cordell advised that the boat length ordinance was adopted by the City Commission. He reported on lake treatments: a 48-acre hydrilla treatment on Lake Virginia, 6-acre hydrilla treatment on Lake Killarney/Killarney Cove, 25-acre cabomba treatment on the west side of Lake Maitland, 10 of which was also algae targeted. On the west shore of Lake Maitland, staff did a tank mix that would also treat algae as a trial to see how it would do with the floating debris. Updates to the Lakes Webpage, Water Quality Portal, and Online Boat Permit are ongoing. Mr. Cordell spoke about eelgrass which is an ongoing issue for other cities. Mr. Webman spoke about equipment he saw on Lake Maitland that was chopping up the eelgrass and staff don't recommend it. Staff sent out a letter to the lakeside residents on the chain of lakes to remind them of the policy of the Val-run because residents were abusing the day. Resident contracted people out to pile the eelgrass on their docks, which would cover the entire dock. If residents contract the work out to remove the floating eelgrass the contractor needs to haul it off. Staff showed the board the Weedo equipment to remove eelgrass has been ordered.

Mr. Cordell informed the board about the fishing event at MLK Park on October 1st.

Staff showed pictures from the paddleboard clean up on the chain of lakes which resulted in the removal of 60 pounds of trash from the lake.

Mr. Cordell informed the board of the EV Car Show and Sustainability Fair on September 24th at the West Meadow which include a fully electric boat.

Staff gave an update on and showed photos of the Howell Branch Preserve project and explained each colored area on the map.

c. Stormwater Management -

Mr. Marcotte provided an update Capital Improvement Plan and summarized status of current and future projects: drainage improvement at Pine Tree has finished, plans for the Central County Ditch Piping project is 60% complete and will be sent to Seminole County for review and feedback, and to with St. John Water Management District for permitting.

(8) Board Comments

Discussion of Public Comments Received - No public comments were received.

(9) Upcoming Agenda Items

Discussion of Upcoming Agenda Items -

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September 13, 2022Month DD, YYYY

Page 3

- Commissioner Sullivan to come to the next meeting to speak about the fountains at MLK Pond.
- Mr. Webman brought up the idea of a drone for the Val-Run for a more efficient way for the day.

(10) Adjournment

Meeting adjourned at 1:13 p.m.

Next meeting scheduled for November 8th,2022 (in person only)

Minutes approved by the Board on mm/dd/yyyy.

/s/ Recording Secretary Victoria Tabor



Lakes & Waterways Board

agenda item

item type	Consent Agenda	meeting date	November 8, 2022
prepared by	Victoria Tabor	approved by	
board approval			
strategic objective			

subject

Approve of Meeting Minutes for October 11th, 2022

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

[10.11.2022 Lakes Waterways Board Meeting Minutes](#)



Lakes & Waterways Board Regular Minutes

October 11, 2022 at 12:00 p.m.

City Hall Commission Chambers
401 S. Park Ave. | Winter Park, Florida

Present

Board Members: Chair Ed Webman, Pam Saffran, Justin Vermuth. Virtual: Robert Bendick, Lindsay Eriksson Siddiqui Absent: William Swartz, Vice Chair Warren Bloom

City Staff: Natural Resources and Sustainability Director Gloria Eby, Assistant Director of Public Works Don Marcotte, Stormwater Engineer Shannon Monahan, Lakes Division Manager Joey Cordell, Winter Park Police Department Scott Williams, Admin Coordinator/Recording Secretary Victoria Tabor.

(1) Call to Order

The meeting was called to order by Chair Webman at 12:00 p.m.

(2) Consent Agenda

Minutes could not be approved due to not having quorum. Approval of the minutes are tabled to November meeting.

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

No Public Speakers

(4) Public Hearings

No Public Hearings

(5) Action Items

a. No Action Items

(6) Non-Action Items

a. No Non-Action Items

(7) Staff Updates

a. Winter Park Police -

Officer Scott Williams filled in for Officer Hofer and gave the board and staff updates on what they have been doing on the lakes. Officer Williams informed that Officer Hofer was out on the water for 55.75 hours on the water and issued the following:

- Two citations
- Eleven warnings
- Thirty safety inspections
- Thirty-five boat stops

- One vessel towed

b. Lakes Management -

Mrs. Eby put together a quick PowerPoint presentation on pre-storm preparedness and post storm actions. What staff did to prepare for the storm was that they removed the drain wells at a lot of locations that had them, including Lake Killarney, MLK pond, and the racket club ponds, structures were inspected and cleared, and staff coordinated with Seminole and Orange County on lake management, water elevation and hazardous water messaging efforts. Some post storm actions staff did were checking the water elevations daily, bacterial sampling, maintaining structure and conveyances free and clear of debris, social media messaging, and serviced calls related to concerns. During the presentation Mrs. Eby explained what fecal coliform was and showed the board maps of the different locations where staff sampled at in the lakes. Fecal coliform is feces from human or animals.

To tie up lakes' management update Mr. Cordell finished up the presentation by informing the board that the Val Run is suspended until the water recedes. Mr. Cordell presented the board with an unusual permit that came through. It was unusual because it wasn't a boathouse being built but it was a walkway going down to a boathouse.

c. Stormwater Management -

Mr. Marcotte gave the board an update on what public works staff does before, during and after the storm. Pre-storm staff made sure everything was clear in the streets, storm sewers, and collection devices. Mr. Marcotte presented the board with photos of the city after the storm. Mr. Marcotte listed all of the lakes that flooded and which roads were closed or flooded. Post-storm actions that public works department was in charge of was clean up the streets and move all debris away from the inlets.

(8) Board Comments

Discussion of Public Comments Received - No public comments were received.

(9) Upcoming Agenda Items

Discussion of Upcoming Agenda Items -

- No upcoming items were asked.

(10) Adjournment

Meeting adjourned at 12:45 p.m.

Next meeting scheduled for December 13th, 2022 (in person only)

Minutes approved by the Board on mm/dd/yyyy.

/s/ Recording Secretary Victoria Tabor



item type Non-Action Items	meeting date November 8, 2022
prepared by Jeffrey Briggs	approved by
board approval	
strategic objective	

subject

Update on variance authority for waterfront docks/boathouses/gazebos.

motion / recommendation

Information item only. No action is requested.

background

At the direction of the City Commission, in order to remove duplication and overlap between city boards, the variance authority for waterfront docks, boathouses and gazebos on City Lakes is being transferred from the Board of Zoning Adjustment (BZA) to the Lakes and Waterways Board.

The Lake and Waterways Board now has total 100% approval/denial power over dock/boathouse/gazebo applications including any with variances requested. As an example, someone asks to build a foot taller than code. If the Lakes and Waterways Board says “NO”, then the answer is “NO” ! It doesn’t matter if they were to get a variance approved by BZA. The answer is still NO. However, under the current arrangement, If the Lakes and Waterways Board says “YES” then that request still needs to go to another meeting with BZA for them to also say “YES”.

The reality (in practice) is that the BZA always trusts the judgment of the Lakes and Waterways Board in making their decision, including any conditions attached thereto. If the Lakes and Waterways Board denies the request due to the variance, then the BZA can’t over-ride that decision. If the Lakes and Waterways Board approves with the variance, then the BZA never second guesses the Lakes and Waterways Board. The applicants can’t understand why if they go to the Lakes and Waterways Board and are granted an approval, inclusive of a variance, why it needs to be approved a second time by the BZA. It creates unnecessary work for staff in providing mailed notices, agenda preparation, minutes, etc. for the exact same request.

alternatives / other considerations

fiscal impact



Lakes & Waterways Board

agenda item

item type	Staff Updates	meeting date	November 8, 2022
prepared by	Victoria Tabor	approved by	
board approval			
strategic objective			

subject

Winter Park Police

motion / recommendation

background

alternatives / other considerations

fiscal impact



Lakes & Waterways Board

agenda item

item type Staff Updates	meeting date November 8, 2022
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Lakes Management

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

[Lakes Update 2022.11](#)



Lakes and Waterways Advisory Board

November 2022

Lakes Updates

- Storm related events: Elevations, Bacteria, Advisories
- Val run resumed
- Weedoo update
- MLK eelgrass control
- FWC carp: Virginia, Maitland
- City carp: Killarney, Bell, Spier
- No update on annual boat permit
- Lake Sue Grant Proposals: nutrient study and oxygenation
- Natural Resources Conservation Service (NCRS)
- Lake Mizell Treatments for Hydrilla and Pondweed

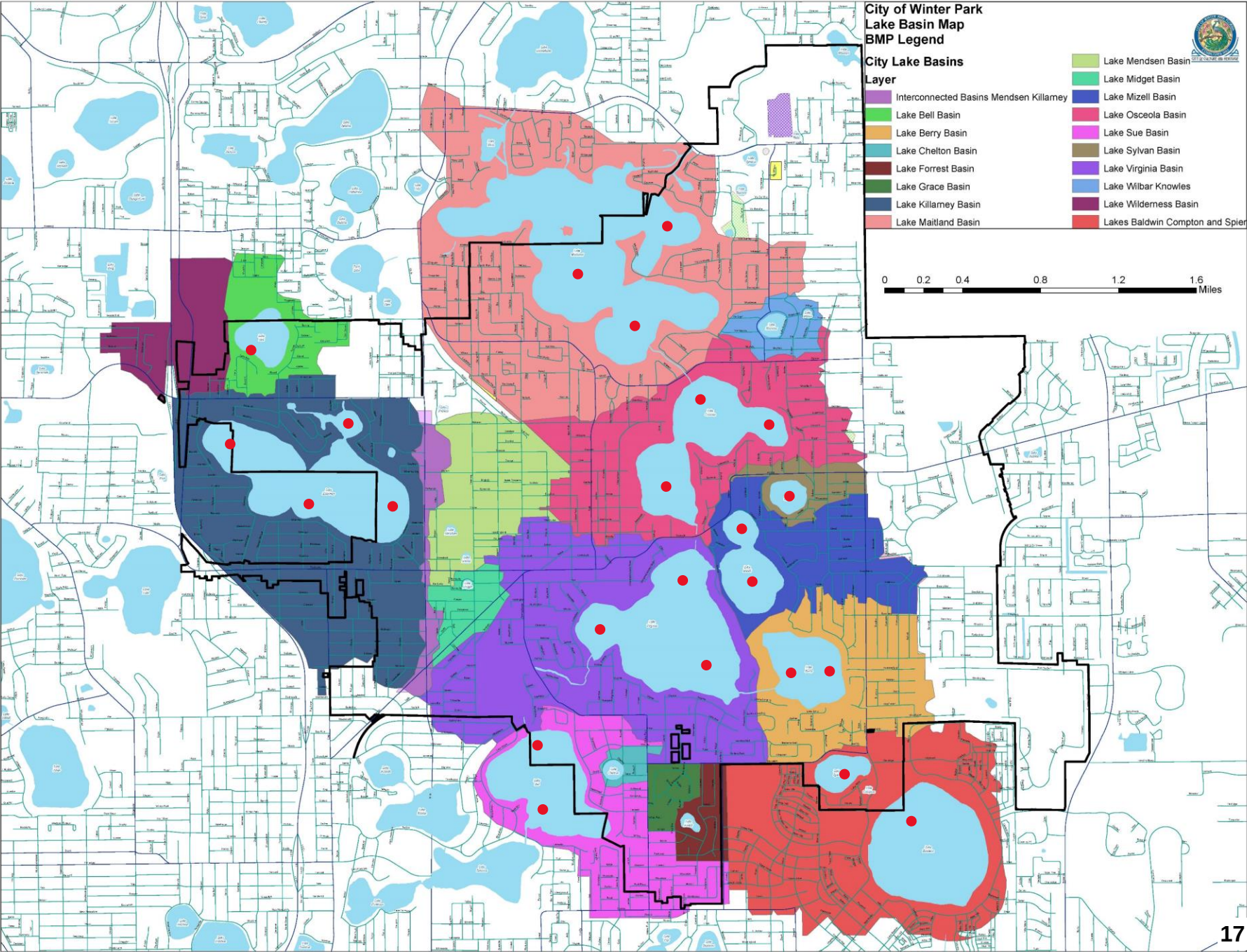
High Water Elevations

	Storm Related High	Ordinary High
• Chain of Lakes	68.7	65.7
• Lake Killarney	85.1	82.0
• Lake Bell	Pending	88.6
• Lake Berry	71.5	69.4
• Lake Sylvan	75.5*	71.2
		*Oct 27 rain event

Sample Date: 10-04-2022

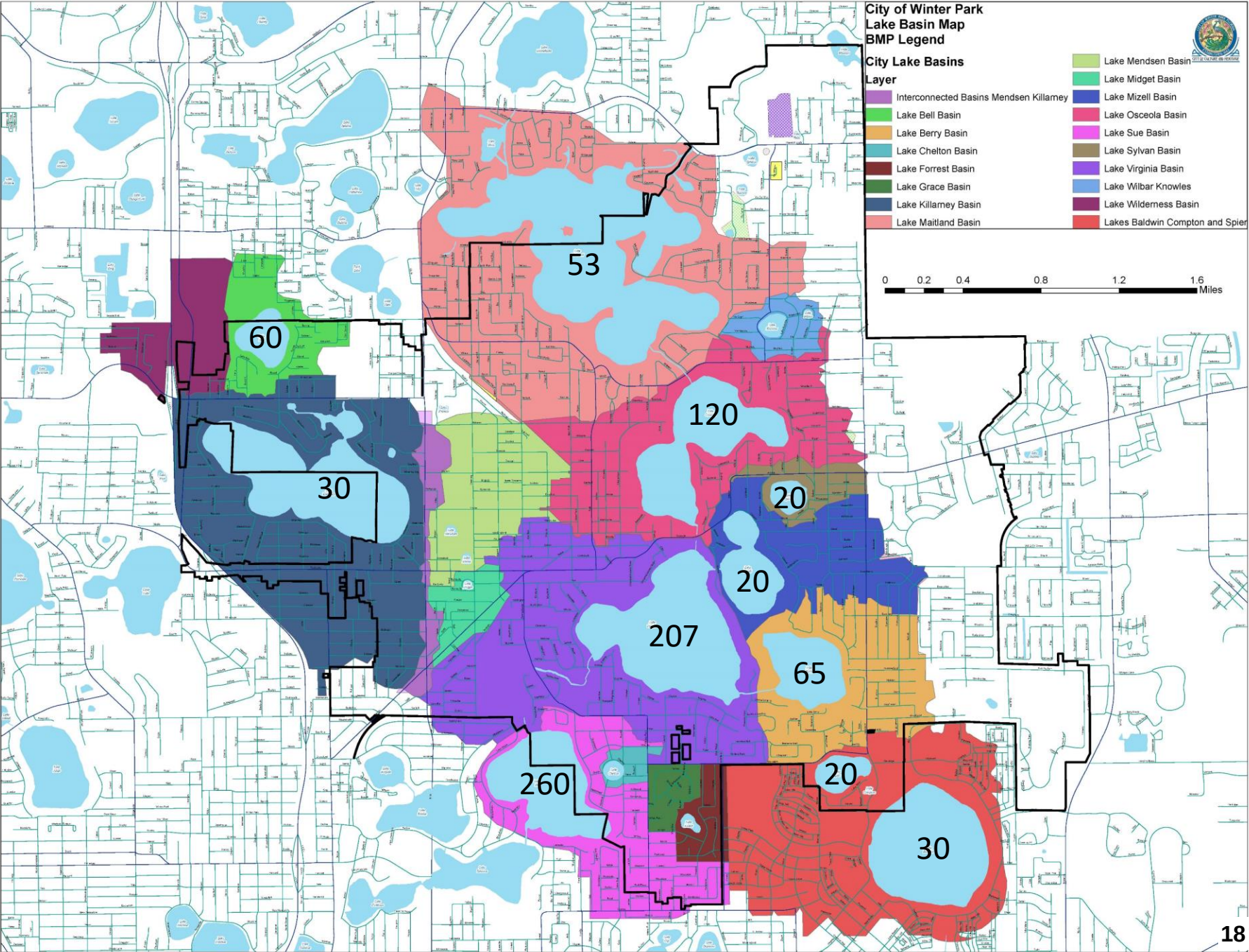
● Sample Sites

	Fecal Coliform
Baldwin	30 CFU
Bell	60
Berry E	80
Berry W	50
Killarney E	10
Killarney N	40
Killarney S	50
Killarney W	20
Maitland E	20
Maitland S	120
Maitland W	20
Mizel N	40
Mizel S	<1
Osceola E	140
Osceola N	120
Osceola S	100
Spier	20
Sue N	130
Sue S	390
Sylvan	20
Virginia N	260
Virginia S	140
Virginia W	220



Sample Date 10-04-2022

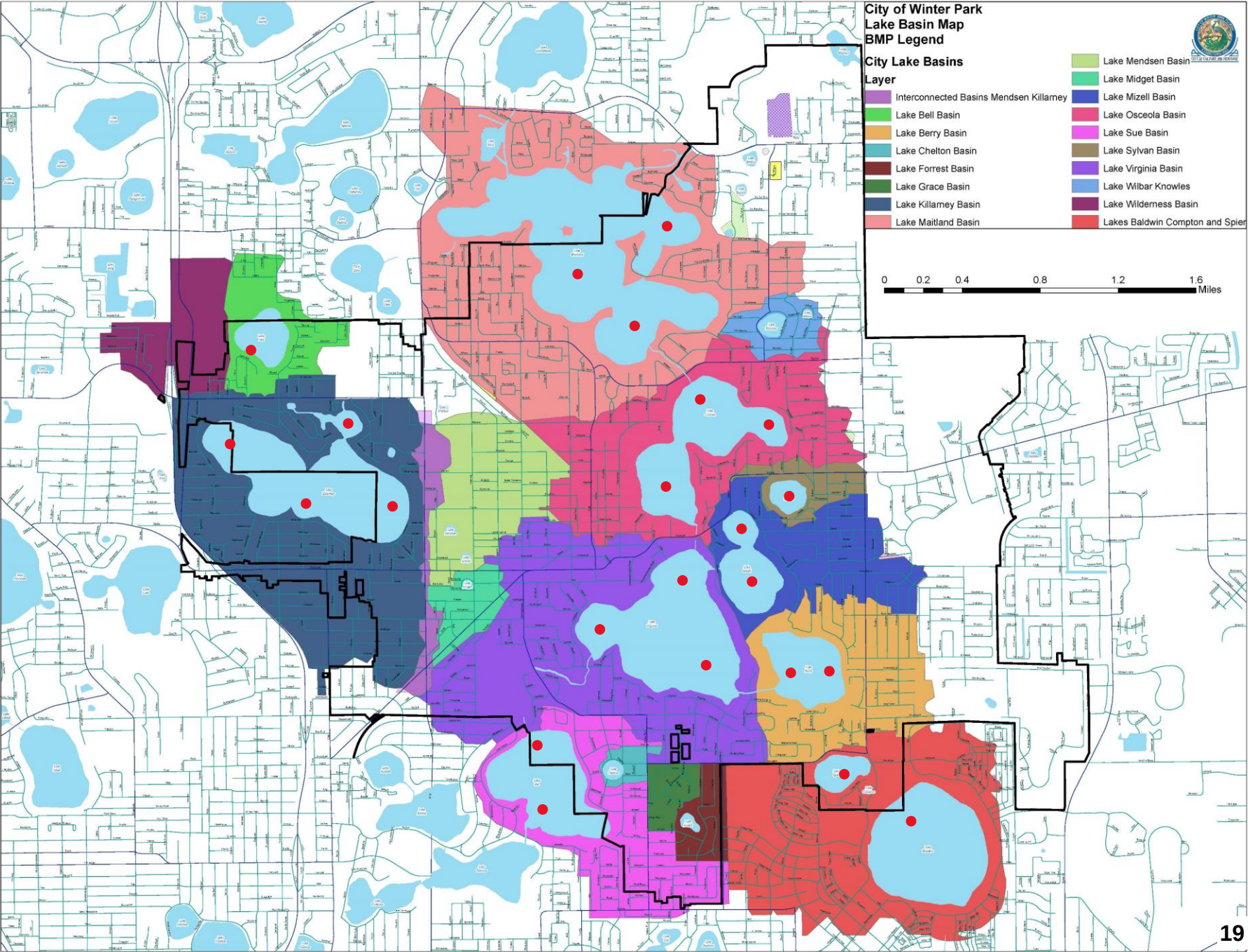
Lake	Avg Fecal
Baldwin	30 CFU
Bell	60
Berry	65
Killarney	30
Maitland	53
Mizel	20
Osceola	120
Spier	20
Sue	260
Sylvan	20
Virginia	207



Sample Date: 10-06-2022

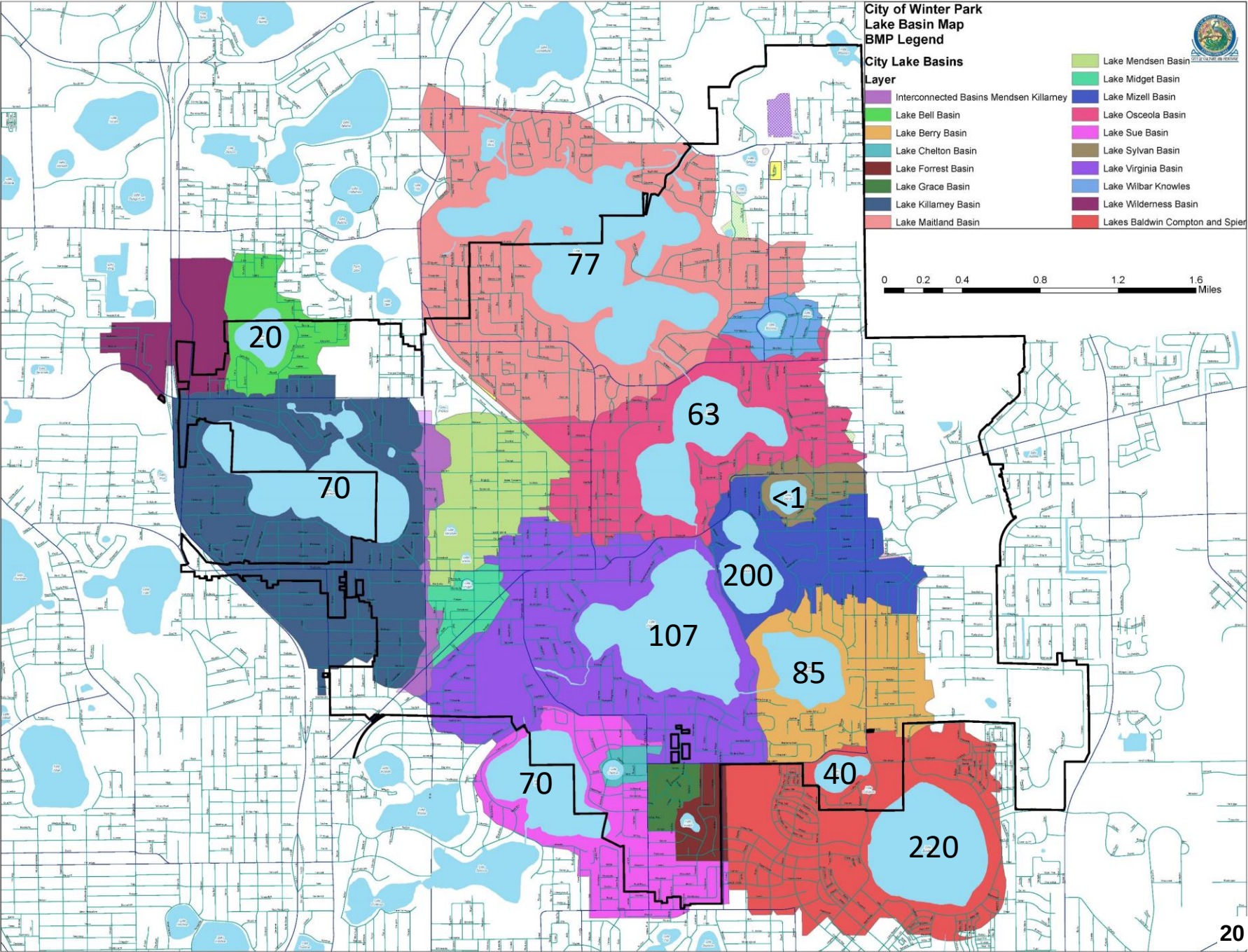
● Sample Sites

	Fecal Coliform
Baldwin	220 CFU
Bell	20
Berry E	40
Berry W	130
Killarney E	90
Killarney N	40
Killarney S	Lab Error
Killarney W	80
Maitland E	100
Maitland S	60
Maitland W	70
Mizel N	120
Mizel S	280
Osceola E	40
Osceola N	40
Osceola S	110
Spier	40
Sue N	60
Sue S	80
Sylvan	<1
Virginia N	20
Virginia S	80
Virginia W	220



Sample Date 10-06-2022

Lake	Avg Fecal
Baldwin	220 CFU
Bell	20
Berry	85
Killarney	70
Maitland	77
Mizel	200
Osceola	63
Spier	40
Sue	70
Sylvan	<1
Virginia	107



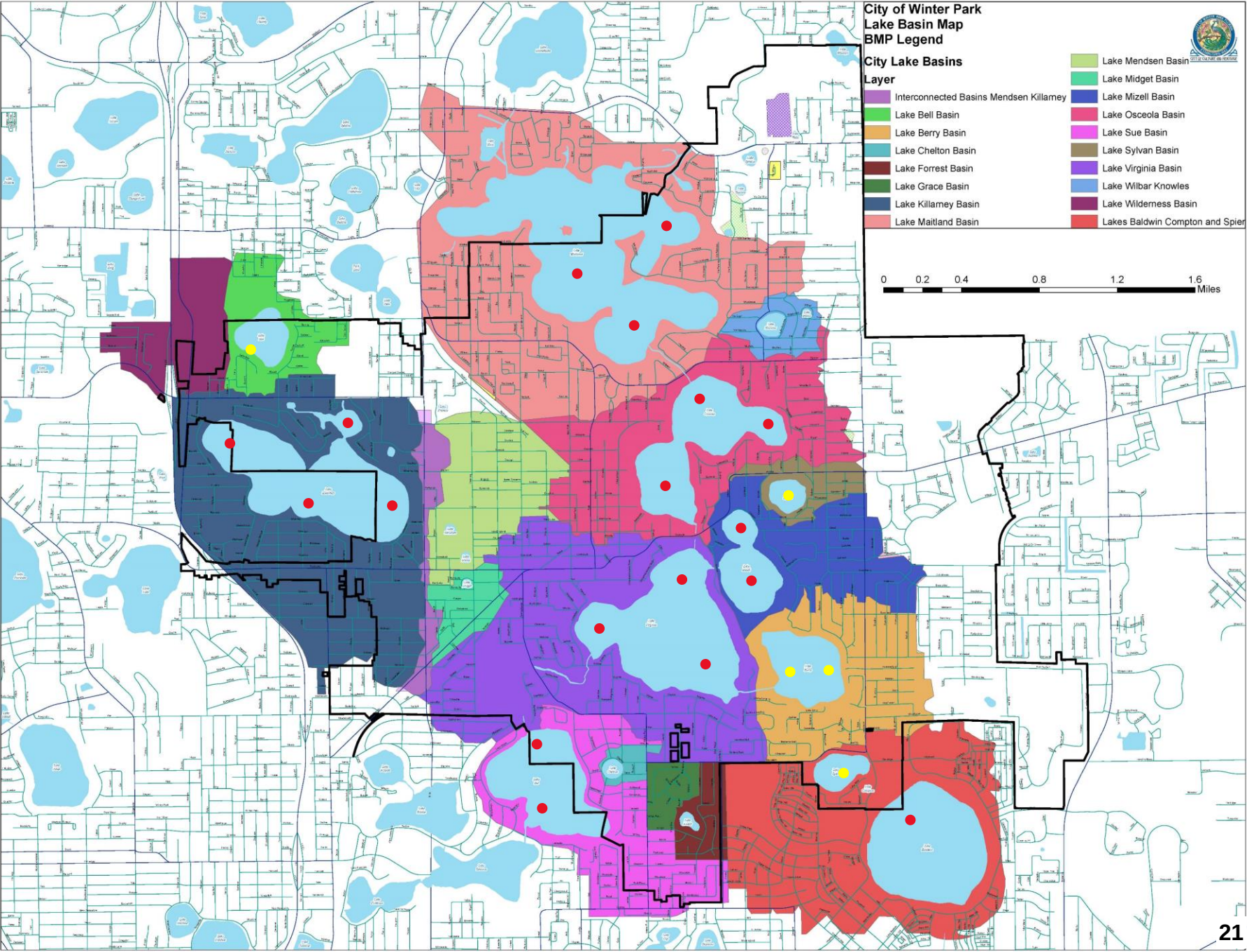
Sample Date: 10-10-2022

● Sample Sites

	Fecal Coliform
Baldwin	4 MPN*
Bell	N/A
Berry E	N/A
Berry W	N/A
Killarney E	<1
Killarney N	12
Killarney S	1
Killarney W	<1
Maitland E	12
Maitland S	14
Maitland W	6
Mizel N	5
Mizel S	2
Osceola E	12
Osceola N	3
Osceola S	13
Spier	N/A
Sue N	8
Sue S	16
Sylvan	N/A
Virginia N	30
Virginia S	11
Virginia W	30

● Not Sampled

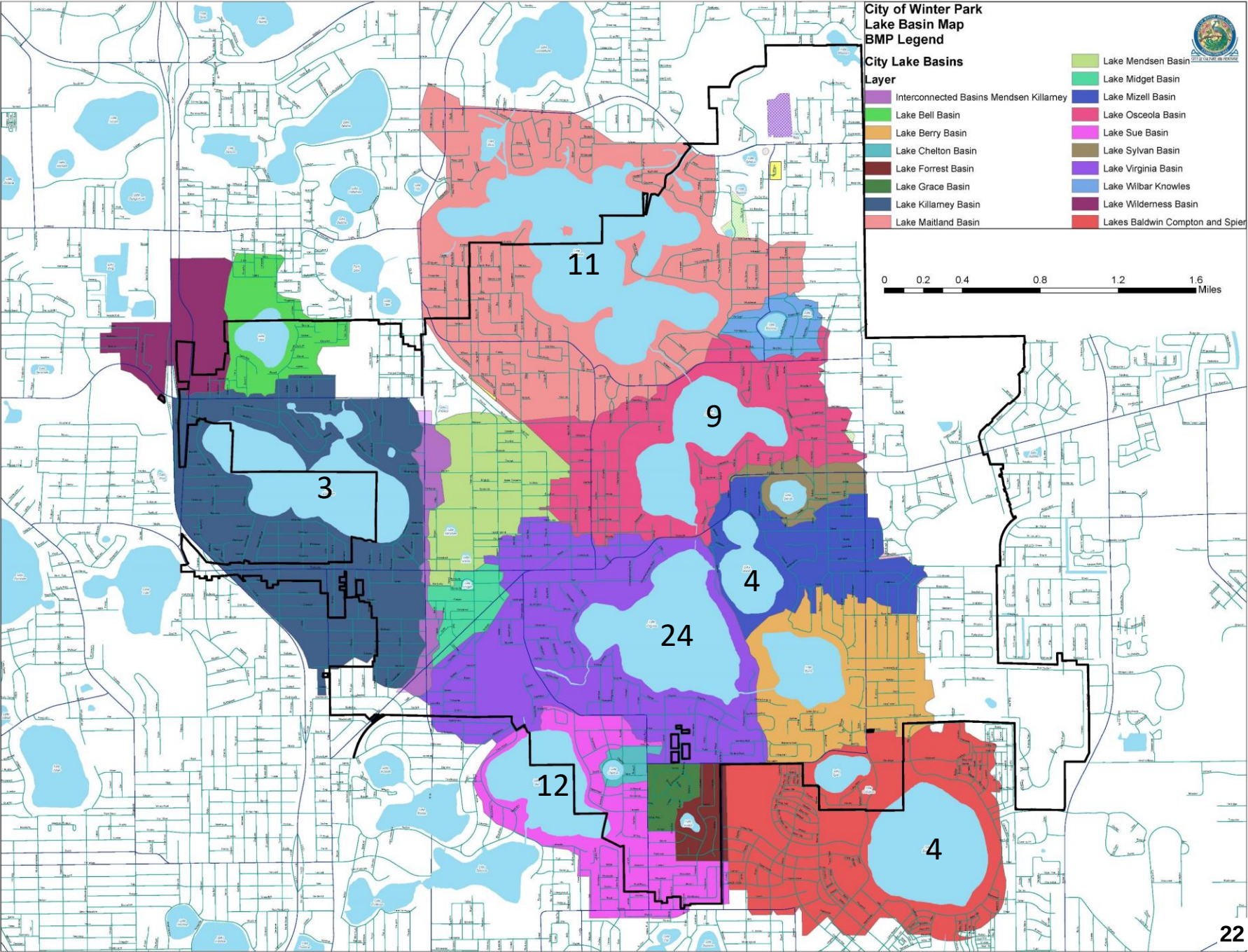
*MPN is comparable to CFU



Sample Date 10-10-2022

Lake	Avg Fecal
Baldwin	4 MPN*
Bell	N/A
Berry	N/A
Killarney	3
Maitland	11
Mizel	4
Osceola	9
Spier	N/A
Sue	12
Sylvan	N/A
Virginia	24

*MPN is comparable to CFU



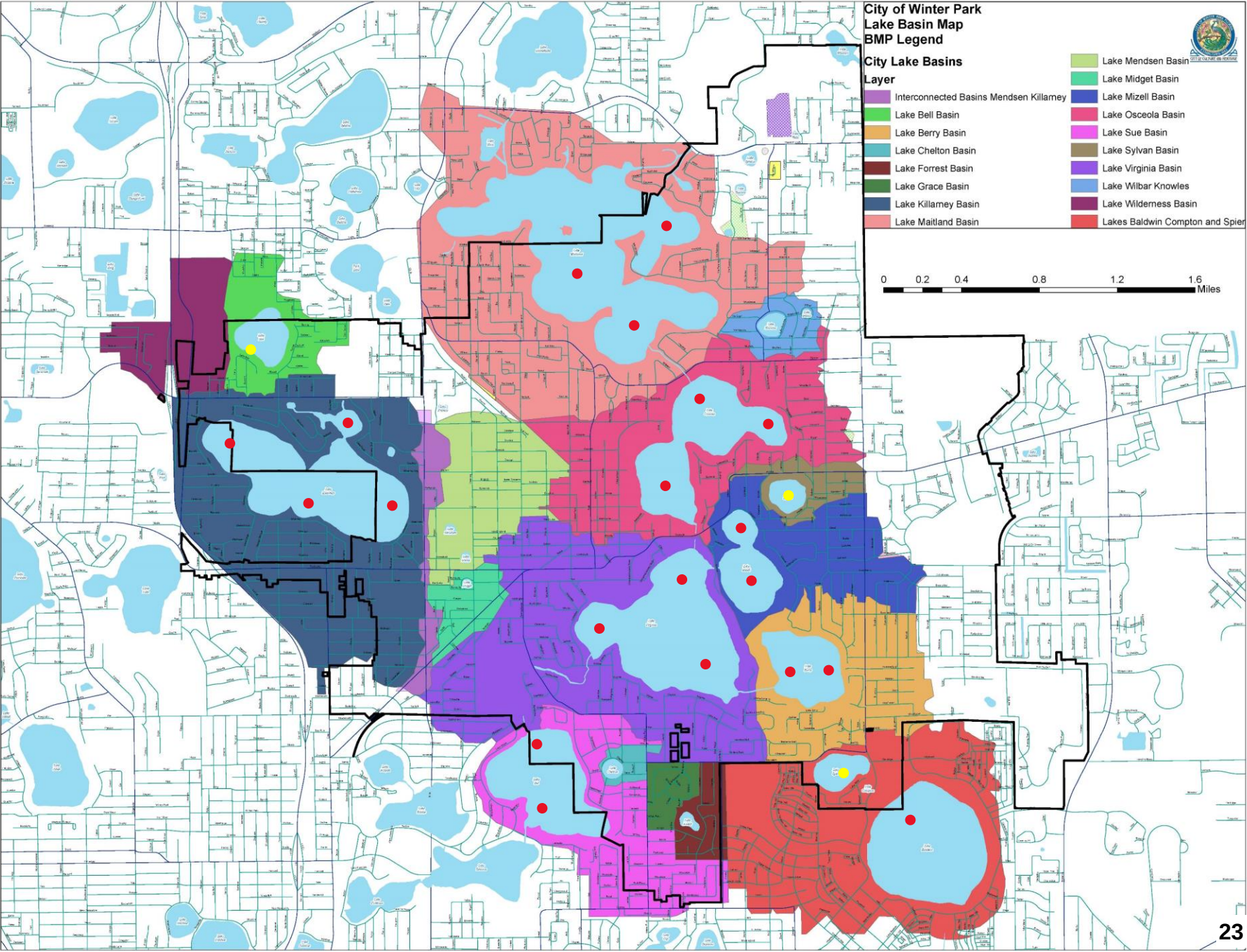
Sample Date: 10-12-2022

● Sample Sites

	Fecal Coliform
Baldwin	<1 MPN*
Bell	N/A
Berry E	22
Berry W	13
Killarney E	12
Killarney N	15
Killarney S	1
Killarney W	3
Maitland E	8
Maitland S	8
Maitland W	1
Mizel N	3
Mizel S	1
Osceola E	5
Osceola N	9
Osceola S	12
Spier	N/A
Sue N	5
Sue S	14
Sylvan	N/A
Virginia N	15
Virginia S	11
Virginia W	29

● Not Sampled

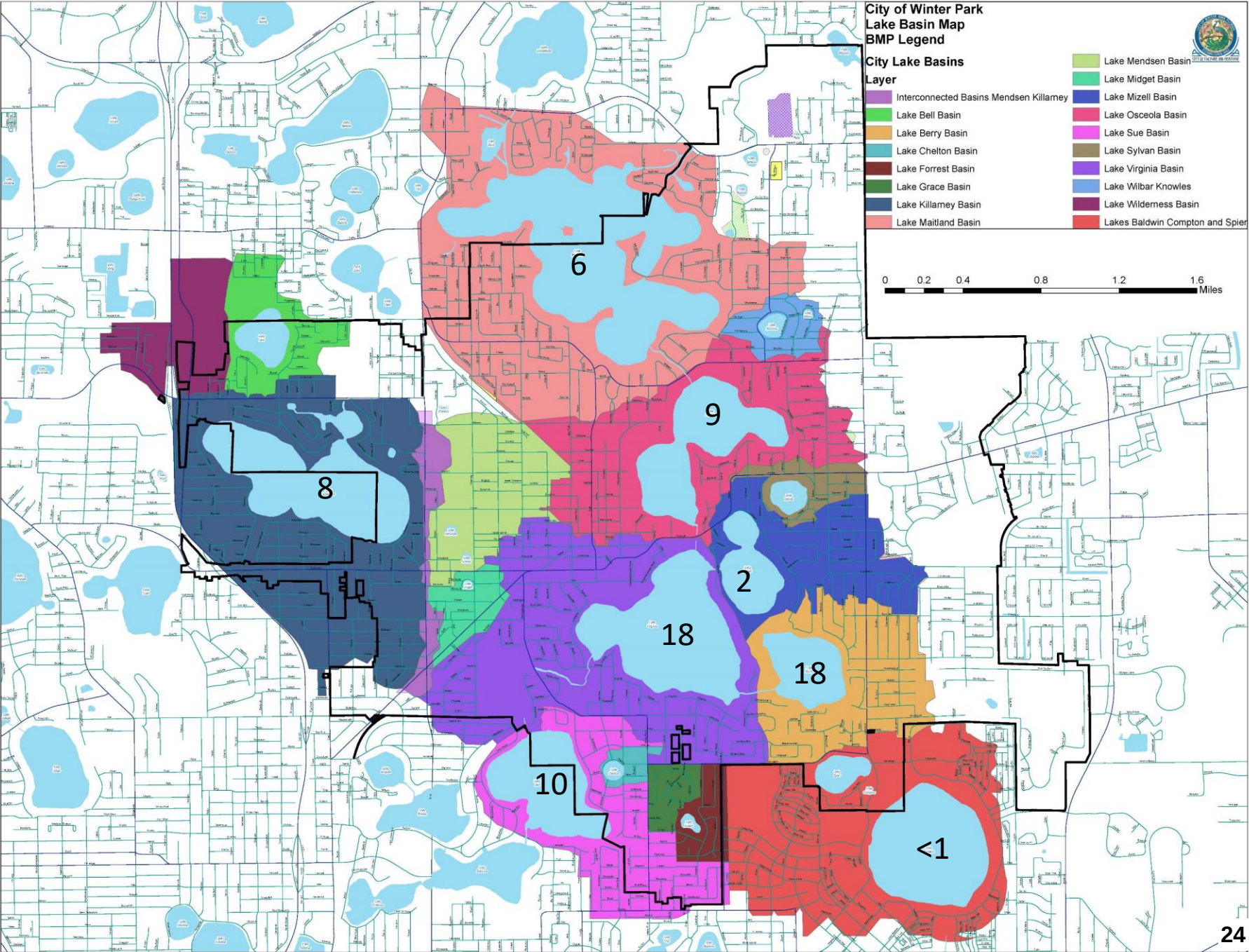
*MPN is comparable to CFU



Sample Date 10-12-2022

Lake	Avg Fecal
Baldwin	<1 MPN*
Bell	N/A
Berry	18
Killarney	8
Maitland	6
Mizel	2
Osceola	9
Spier	N/A
Sue	10
Sylvan	N/A
Virginia	18

*MPN is comparable to CFU



Storm Advisories

lakesdivision city of winter park

Good Afternoon,

City of Winter Park is issuing an advisory for all lakes and creeks until further notice. Public Boat ramps under the control of City of Winter Park are currently closed. Please refrain from recreation and contact in and around waterbodies. Many of these systems may have been adversely impacted by Hurricane Ian and are experiencing high water levels, potential for contamination, displaced and disoriented wildlife, and submerged structures. If you have any questions about your lake, please email jcordell@cityofwinterpark.org or geby@cityofwinterpark.org.

Thank you,

--

Joey Cordell

Manager

Lakes Division

Office: 407.691.7829

Division hours: **Mon-Thu 7 a.m. to 5:30 p.m.**

jcordell@cityofwinterpark.org

 Share  Tweet  Forward

lakesdivision city of winter park

Good Afternoon,

Please be advised, the Val-Run pickup for Thursday, September 29th, will be postponed to Monday, October 3rd. As a reminder, only floating aquatic vegetation will be collected. Storm related debris will not be picked up.

Thank you,

--

Joey Cordell

Manager

Lakes Division

Office: 407.691.7829

Division hours: **Mon-Thu 7 a.m. to 5:30 p.m.**

jcordell@cityofwinterpark.org

 Share  Tweet  Forward



item type	Staff Updates	meeting date	November 8, 2022
prepared by	Victoria Tabor	approved by	
board approval			
strategic objective			

subject

Stormwater Management

item list

- Lake Sylvan Update
- Lake Chelton Update
- Canal Dredging Status

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

[sw update nov 22](#)

Staff Update

Stormwater Management

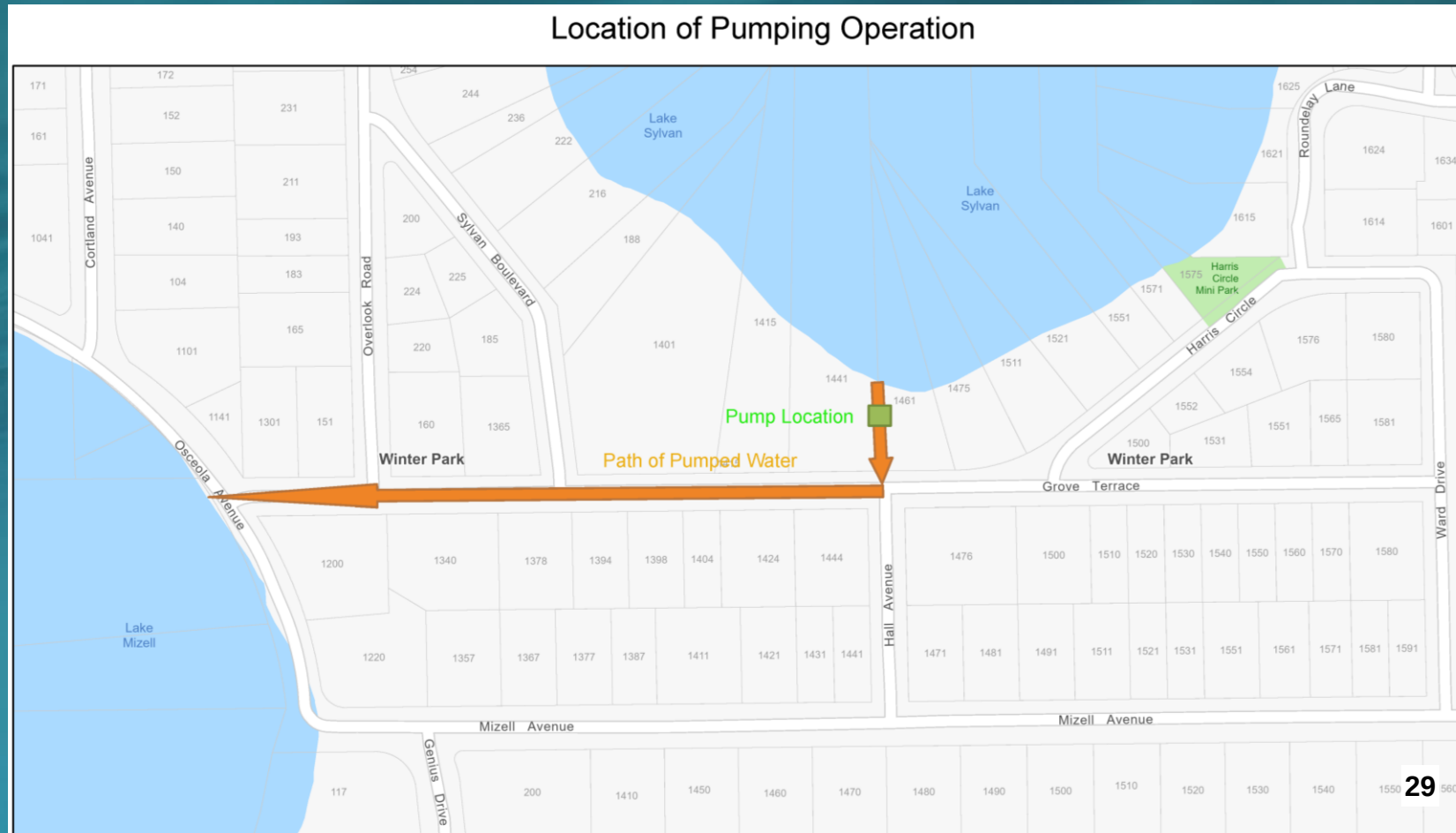
Stormwater Management – CIP

CITY OF WINTER PARK - STORMWATER CAPITAL IMPROVEMENT PROJECTS UPDATE 10/27/2022

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	\$96,531	Several in-house drainage improvements projects to be scheduled for 2021-22, Ward Park ponds construction, Pinetree Rd and Via Amalfi, Palmer at Old England outfall repair, stormwater outfall dredging at various locations as needed.
				1) <u>Pinetree Rd and Via Amalfi</u> - The City will replace the existing substandard and deteriorated drainage system, as well as add an inlet and curbing. Estimated cost \$50k. Construction is complete.
				2) <u>Palmer at Old England outfall repair</u> - A video inspection to be scheduled to determine the existing condition of the outfall pipe. Design and construction will be scheduled as needed. Estimated cost \$20k.
				3) <u>Stormwater Outfall Dredging</u> - Dredging is complete near the Alexander Place and Morse Boulevard stormwater outfalls. Currently investing additional locations.
				4) <u>Ward Park ponds construction</u> - Estimated cost \$150k. NE and NW Pond excavation and sodding is complete. The piping to be installed in November.
565203	Lk. Bell Weir Outfall Improvements -	2009	\$69,223	Repairs may be required on the Lake Bell outfall weir, will continue to assess the condition in 2022. Currently investigating grouting options.
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 on October 13, 2021 and by the Seminole County Commission on December 14, 2021. 60% plans completed and submitted to Seminole County. Process to permit with SJRWMD currently underway.
565233	2410 Winter Park Rd. Pond	2020	\$0	The pond excavation, construction of the stormwater conveyance and pond outfall systems is complete. Sodding of the pond complete.
	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		Seeking Board and Commission approvals for \$200,000 in the City's FY'23 budget. Governor vetoed the State funding, notified June 2, 2022.
	TOTALS			
3023406	ACTIVE STORMWATER CIP's		\$899,148.85	BALANCE TOTAL

Lake Sylvan Update

- Emergency Pump Authorization issued Friday 10/28 by SJRWMD
- Lake Sylvan elevation has decreased 3.7 inches since pump operation
- Lake Mizell elevation has increased 1.8 inches since pump operation



Additional Stormwater Updates

- Lake Chelton
- Canal Dredging Status



Lakes & Waterways Board

agenda item

item type Board Comments	meeting date November 8, 2022
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Discussion of Public Comments Received

motion / recommendation

background

alternatives / other considerations

fiscal impact



item type Upcoming Agenda Items	meeting date November 8, 2022
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Discussion of Upcoming Agenda Items

motion / recommendation

background

alternatives / other considerations

fiscal impact