Miromar Lakes

Community Development District

Meeting Agenda
October 9, 2025

JPWard and Associates, LLC
2301 N.E. 37th Street
Fort Lauderdale, Florida 33308
Phone: (954) 658-4900

MIROMAR LAKES
Community Development District

LOCATION: ***Miromar Lakes Beach and Golf Club***
18061 Miromar Lakes Parkway
Miromar Lakes, Florida 33913

DATE: ***October 9, 2025***

TIME: ***2:00pm***

The Public is provided t

MEETING AGENDA

Board of Supervisors
Alan Refkin, Chairman
Michael T. Weber, Vice Chairman
Doug Ballinger, Assistant Secretary
Mary LeFevre, Assistant Secretary
Patrick J. Reidy, Assistant Secretary

James P. Ward, District Manager
2301 N.E. 37th Street
Fort Lauderdale, Florida 33308
JimWard@JPWardAssociates.com
Phone: 954-658-4900

The Public is provided with two opportunities to speak during the meeting. The first time is on each agenda item, and the second time is at the end of the agenda, on any other matter not on the agenda. These are limited to three (3) minutes unless further time is granted by the Presiding Officer. All remarks shall be addressed to the Board as a body and not to any member of the Board or staff. Please state your name and the name of the entity represented (if applicable) and the item on the agenda to be addressed.

Pursuant to Florida Statutes 286.0105, if a person decided to appeal any decision made by the body with respect to any matter considered at such meeting, he or she will need a record of the proceedings, and for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes testimony and evidence upon which the appeal is to be based.

Meeting Link: https://districts.webex.com/districts/j.php?MTID=m7dff594eee2f06b453df9849466e2123
- ✓ Phone: (408) 444-9388 Code: 2348 713 4150 Event Password Jpward

OCTOBER, 2025

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AGENDA

1. Call to Order & Roll Call.

2. Minutes:
   I. September 11, 2025 – Regular Meeting.

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3. Consideration of **Resolution 2026-1**, a Resolution of the Board of Supervisors amending the existing agreement with Calvin, Giordano & Associates, Inc.; with a revised Agreement for Asset Management Services by and between the District and Calvin, Giordano & Associates, Inc., to provide for an hourly rate basis for services; providing for conflict; providing for severability and providing an effective date.

Pages 23-24

4. Staff Reports.
   I. District Attorney
   II. District Engineer
   III. District Asset Manager
      a) Water Quality Report August 2025
      b) Asset Managers Report October 1, 2025
   IV. District Manager

Pages 25 - 72

5. Supervisor's Requests.
   I. Supervisor LeFevre: Status of Landscaping updates from Master Homeowners Association.

Pages 73

6. Public Comments.

7. Adjournment.

Meeting Schedule FY 2026	
Thursday, October 9, 2025	**Thursday, November 13, 2025**
Thursday, December 11, 2025	**Thursday, January 8, 2026**
Thursday, February 12, 2026	**Thursday, March 12, 2026**
Thursday, April 9, 2026	**Thursday, May 14, 2026**
Thursday, June 11, 2026,	**Thursday, July 9, 2026**
Thursday, August 13, 2026	**Thursday, September 10, 2026**

This portion of the agenda is provided for a more comprehensive explanation of the items for consideration by the Board of Supervisors during the meeting.

AGENDA

Item 2: Minutes – August 14, 2025.

Item 3: **Resolution 2026-3** which amends the existing agreement with Calvin, Giordano & Associates, Inc.; with a revised Agreement for Asset Management Services by and between the District and Calvin, Giordano & Associates, Inc., to provide for an hourly rate basis for services; providing for conflict; providing for severability and providing an effective date.

Item 4: Staff Reports: - Staff Reports are an opportunity to communicate to the Board of Supervisors on matters that did not require Board action or that did not appear on the Agenda and the Professional Staff deemed this to be of a matter that was to be brought to the attention for action or informational purposes of the Board of Supervisors before the ensuing Board of Supervisors Meeting.

Item 5: Supervisor's Request: Landscaping update.

MINUTES OF MEETING
MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT

The Regular Meeting of the Board of Supervisors of the Miromar Lakes Community Development District was held on Thursday, September 11, 2025, in the Library at the Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913. It began at 2:00 p.m. and was presided over by Alan Refkin, Chairperson, with James P. Ward as Secretary.

Present and constituting a quorum:

Alan Refkin	Chairperson
Michael Weber	Vice Chairperson
Patrick Reidy	Assistant Secretary
Mary LeFevre	Assistant Secretary
Doug Ballinger	Assistant Secretary

Also present were:

James P. Ward	District Manager
Megan Magaldi	District Attorney
Charlie Krebs	District Engineer

Audience:
Erin Dougherty
Heather Dougherty

All residents' names were not included with the minutes. If a resident did not identify themselves or the audio file did not pick up the name, the name was not recorded in these minutes.

FIRST ORDER OF BUSINESS **Call to Order/Roll Call**

District Manager James P. Ward called the meeting to order at approximately 2:00 p.m. He conducted roll call; all Members of the Board were present, constituting a quorum.

SECOND ORDER OF BUSINESS **Consideration of Minutes**

August 14, 2025 – Regular Meeting Minutes

Mr. Ward asked if there were any additions, corrections, or deletions to the Minutes.

A correction was made on Page 3, as requested.

On MOTION made by Mary LeFevre, seconded by Doug Ballinger, and with all in favor, the August 14, 2025 Regular Meeting Minutes were approved as corrected.

THIRD ORDER OF BUSINESS Staff Reports

I. District Attorney

Ms. Megan Magaldi from Greg Urbancic's office indicated she had nothing to report, at this time, unless the Supervisors had any questions.

II. District Engineer

Mr. Charlie Krebs indicated that approval was received from Lee County for the change that has also been certified as well. That certification came in at the end of last week, so that should be all taken care of now. It has been submitted to Greg Urbancic.

Mr. Alan Refkin stated this might be a good time to bring this up, but last time we talked about when we were turning over these stormwater management systems, this is just about if the ones are turned out going toward the north gate, do you know whether those have been turned over yet?

Mr. Charlie Krebs indicated they have been turned over, the last one going north was Phase One of what we called Mediterranean Village. I think we are waiting for the homes to get constructed because of all the debris that goes into the inlets. Phase Two and I'll get with Mark Geshwendt on that one to see if it can get turned over, but I think the next one up, which is San Lorenzo, or over by the Gatehouse, that one still has homes under construction. I think when that one finishes up the homes, then I would say turn that one over because they should clean the inlets and everything has to be taken care of.

Mr. Alan Refkin: How about across the street? Murano? It's still under construction. I Marano is down by San Marino, and

Mr. Charlie Krebs: Messina is the one still under construction.

Mr. Alan Refkin: I know that, but I just wasn't because I hadn't seen it, but Heather's says it's still in their construction.

Mr. Charlie Krebs: Right, right. They're only on building three or four. So, when all those homes are built, they'll finish up the lake slope behind it and put in all the required plantings and then that would be the time to turn it over to the CDD.

Mr. Alan Refkin; Okay.

Mr. Charlie Krebs: I believe the developer is talking to the HOA over there about trying to do that same treatment across the whole thing.

Mr. Mike Weber: That's where I was going.

Mr. Charlie Krebs: My suggestion to Mark Battaglia was those residents need to make the developer like the agent, so if they all gave them a letter of authorization, then they could

file the permit instead of having eleven different permits, it would be one permit that does eleven lots and it can all be constructed at once and certified at once, instead of doing it eleven individual times.

Mr. Mike Weber: Isn't that all on CDD property?

Mr. Charlie Krebs: It's all inside the CDD maintenance easement, but it's on private property.

Mr. Jim Ward: I want to go back because this is where we get into trouble. The permit is in the name of the Community Development District, so at the end of the day, whatever has to be done needs to be approved by the Community Development District because we are the one who's going to get dinged if there's a problem. So often the issue took six months to get through South Florida Water Management District and Lee County on something that was already done because whoever the builder was for that particular lot decided to put it in without going through the permitting process. So, to the extent that the rest of the residents want to do that, I think that's a great idea. They should do that but at the end of the day, that needs to come through the CDD for purposes of making sure it gets permitted correctly.

Mr. Charlie Krebs: Correct, and I didn't mean to say that they wouldn't do that, I was just telling Mark they need to have one point of contact and have it all done at the same time.

Mr. Jim Ward: I'm a little sensitive to this issue because I've been through this with Mr. Kauffman, who is a very nice person – by the way, for six months and I know he just got rang through the ringer with whoever his builder was, not because of anything he did that was bad, and I don't want to see the rest of the residents get hurt because of this issue.

Mr. Patrick Reidy: I met him up at the pickleball courts a while back when this was all going on and he's a very nice gentleman.

Mr. Jim Ward: Who, Mr. Kauffman? Yes, he's really nice person.

Mr. Patrick Reidy: He kept talking about it – he didn't know I was on the CDD and I didn't say anything.

Mr. Jim Ward: He's a really nice gentleman and he got dinged bad on that one. I think they should fix all that problem and put in riprap or whatever he did. It looks good.

Mr. Charlie Krebs: Hopefully the builder would just have taken them all by the hand and just do it all one way instead of every house being different.

Mr. Jim Ward: I think if Miromar does it all in one or I don't even have a problem if the CDD does it all in one big swoop kind of a thing, but it just, you know, we just need to do it right kind of thing. So, we don't have any more problems. Just a little sensitive to this one.

III. Asset Manager

a) Asset Managers Report September 1, 2025

Mr. Jim Ward: I know Richard had some issue with his daughter this afternoon, so he's not here, he's on his way back to the east coast with her, so he said he was driving back and that he didn't have anything to add to what his report said.

Mr. Alan Refkin: He's another one. He's a self-motivator. He handles everything and he just gets it all. He really does a great job.

Mr. Patrick Reidy: I want to bring up something real quick. I ran into a homeowner the other day, Tom Fisher and then he and his wife both mentioned snails, so I asked where and he said, by the entrance. And he didn't say what kind of snail, but I said…

Mr. Jim Ward: Apple snails.

Mr. Patrick Reidy: And then asked me the question that he wants to leave the weeds by his dock. I told him there's a guy in charge, his name is Jim Ward.

Mr. Jim Ward: That explains the call to me this week.

Mr. Patrick Reidy: I'm thinking to myself, well we manage all of the vegetation and the weeds and I don't know if we can pick one house from another – we're not going to cut these, but we'll cut those.

Mr. Jim Ward: Exactly. I did have Richard call, but the issues he raised - one was Apple Snails at the front entrance lake coming in, so I know Richard, you know, we are, we have this kind of aggressive apple snail program anyway, and Richard was already aware of them and we are working on that. I did tell him that we can't pick and choose specific lots and whether we treat a weed or not treat a weed, but let me have Richard call you and he can tell you what the program is for the entire lake bank that we're doing out there and I did say we have a very aggressive program with the fishery program, adding carp, making sure we add sufficient amount of beneficials and good fish to the area to deal with the ecosystem and Richard can go through that with you and tell you how that all works. He said, ok, that sounds like a good idea. I think that literally was yesterday, so I thought I think Richard will talk to him and go through that with him. So hopefully that's, but that explains how the call from him.

Mr. Mike Weber: Point of interest on those apple snails. I have noticed several times now when I walk there's this brown bird, medium sized with a long beak and they walk along the shoreline and they pick off all of the apple snails and pull them right out of their shells. In fact, in my yard by my dock above the riprap I find those shells there all the time and they are cleaned out and they get there from the birds that are eating them all.

Mr. Jim Ward: I didn't know there was a predator.

Mr. Patrick Reidy: So, I was watching this cable show like a year ago. It was about the Everglades and they're talking about the Apple Snail and there is one predator, there's one bird.

Mr. Jim Ward: What is it?

Mr. Patrick Reidy: I don't know.

Mr. Mike Weber: Well, we've got them here and I've seen them numerous times and like I said, I've got the snail shells in my yard all the time – a pile of them.

Mr. Jim Ward: Oh wow. I didn't know there was a predator.

Mr. Patrick Reidy: the bird is a predator, and that's what they feed off. I didn't know that we had anything like that around here.

Mr. Mike Weber: Well, it's a brown bird with a long beak.

IV. District Manager

a) Financial Statement for period ending August 31, 2025 (unaudited)

No report.

FOURTH ORDER OF BUSINESS Supervisor's Requests

I. Supervisor LeFevre: Status of Landscaping updates from Master Homeowners Association

Ms. Mary LeFevre: I would like to suggest from the landscape stuff that we've been talking about, that we do a like a six-month review every year so we can bring or keep ourselves up to date and physically doing an audit or look, you know, if you look to see and I wouldn't mind doing that if you, but really – the HOA did a really great job on it.

Mr. Jim Ward: Yes, they did.

Ms. Mary LeFevre: If you want me to, I can continue to follow-up on that.

Mr. Jim Ward: Why don't you do that – it's a great idea.

Ms. Mary LeFevre: To the points that were made, I can continue to follow-up on all of them. I'll put that on my calendar.

Mr. Jim Ward: I know that we've been getting an email from this person on a monthly basis. Do you want to keep that? I don't care if we get that every month, but if you want to do the six-months, we can stop this and then you can just do it that way, because my team sends an auto email out every month.

Ms. Mary LeFevre: He's been staying in close touch and on top of everything. The two guys that worked, the foreman and some others, because Mark couldn't go on a tour. They were really helpful.

FIFTH ORDER OF BUSINESS Public Comments

Public Comments: - Public comment period is for items NOT listed on the agenda, and comments are limited to three (3) minutes per person and assignment of speaking time is not permitted; however, the Presiding Officer may extend or reduce the time for the public comment period consistent with Section 286.0114, Florida Statutes

Mr. Jim Ward asked if there were any audience comments; there were none.

Mr. Jim Ward: Well, I have nothing else for you unless you have anything for me?

Mr. Alan Refkin: The only other thing is the marine growth in the lake.

Mr. Jim Ward: The marine growth in the lake? Yes, we have noticed – I think I said this at the last meeting or Richard said it at the last meeting, but we have noticed increased aquatic growth in the lakes of and Richard had mentioned with the last meeting we are going to put a little bit more grass carp in to try to help with the situation to balance it a little more and then once we complete that piece of it, we'll probably put some more beneficial fish in the lake also, but we're noticing a little more growth in that larger lake than we had been so we're going to slowly change that balance a little bit, with a high emphasize on that word "little".

Ms. Mary LeFevre: And those people, you know, could come to the meetings you know what I mean that's what we do, but he does is to be able to feel free to come and get it off your plate and get it over here.

Mr. Mike Weber: Whatever solution they have is going take a while and I know to see impact. They won't notice what's going on because it'll take a while.

Mr. Jim Ward: I mean it has it taken us eighteen months, two years now going on getting it to where it is now.

Mr. Patrick Reidy: I think it's so much longer than that. It's like four years ago.

Mr. Jim Ward: Four years, so now it's just trying to keep it balanced and it's a learning curve. It changes constantly, so it's always a balancing.

Mr. Patrick Reidy: I don't think anyone realizes that it's a real balancing act of how to keep vegetation where you want it and stop the growth of the weeds and it's a constant up and down thing all the time.

Mr. Jim Ward: Can't put too much carp in there tp keep that balance just right. Just put the right number of the good fish and whatever they maybe. It's tough. This is a really hard project to do.

Ms. Mary LeFevre: Which is not a bad idea for people to hear that. You know, people don't. That's all I'm saying, it's a place to hear what they're doing and what the project is.

Mr. Jim Ward: You should encourage them to come to board meetings or call Richard or somebody…

Ms. Mary LeFevre: Yes, you!

Mr. Jim Ward: Or whatever they prefer. No, call Richard. He's better at answering these balancing questions.

Mr. Jim Ward: They can call me, I don't care.

Mr. Alan Refkin: Charlie, I wanted to say that you guys did a wonderful job with the Geotubes?

Mr. Charlie Krebs: Thank you, but you're giving me credit for a job that I didn't do – that was Richard, and I will pass it onto Richard.

Mr. Patrick Reidy: The problem is we were all three of us out there together, so I didn't know which hand it was over there. They did a very nice job - a very, very nice job.

Mr. Alan Refkin: And that's a nice part about what Mary was talking about both CDD. Tom came to the board here because I had this problem. He thought that, you know, it would take us forever, you know, to look at it and we said, let's go look at it over there and in no time at all and in no small part thanks to, you know, Richard. You know, we solved that problem over there because you can see where it came up almost into the residency – it came all the way up to the house. There was washing away. It was a mess, and I had never thought about it, but it's nice because then people get their problem solved. So, like what Mary was saying is really true - they come here, we really want to know what their problems are to understand them and respond. That's why we're here. That's a good idea.

SIXTH ORDER OF BUSINESS **Announcement of Next Meeting**

Next Meeting – October 9, 2025

SEVENTH ORDER OF BUSINESS **Adjournment**

The meeting was adjourned at approximately 2:20 p.m.

On MOTION made by Mary LeFevre, seconded by Alan Refkin, and with all in favor, the meeting was adjourned.

Miromar Lakes Community Development District

James P. Ward, Secretary

Alan Refkin, Chairman

RESOLUTION 2026-1

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT AMENDING THE EXISTING AGREEMENT WITH CALVIN, GIORDANO & ASSOCIATES, INC., WITH A REVISED AGREEMENT FOR ASSET MANAGEMENT SERVICES BY AND BETWEEN THE DISTRICT AND CALVIN, GIORDANO & ASSOCIATES, INC., TO PROVIDE FOR AN HOURLY RATE BASIS FOR SERVICES; PROVIDING FOR CONFLICT; PROVIDING FOR SEVERABILITY AND PROVIDING AN EFFECTIVE DATE.

RECITALS

WHEREAS, the Miromar Lakes Community Development District (the "District") is a local unit of special-purpose government established pursuant to Chapter 190, *Florida Statutes,* for the purpose of providing, operating and maintaining infrastructure improvements, facilities and services to the lands within the District; and

WHEREAS, the District has the responsibility for operating and/or maintaining certain public facilities in accordance with Chapter 190 F.S. including, without limitation, storm water management system (lakes and drainage system), conservation areas, landscaping and irrigation system and such other services that may be added during the term of this Agreement and within and outside the District's boundaries (collectively, "CDD Facilities");

WHEREAS, the District from time-to-time contracts certain independent contractors to perform maintenance work on the CDD Facilities ("CDD Maintenance Contractors"); and

WHEREAS, the District desires to employ Contractor to manage and oversee the CDD Facilities and the CDD Maintenance Contractors, and otherwise provide the Services ("Services") described in **Exhibit A**, attached hereto and made a part hereof; and

WHEREAS, the District entered into an Agreement for Field Maintenance Oversight Services on May 5, 2013, and desires to amend the existing Agreement with Calvin, Giordano & Associates, Inc., with the revised Agreement for Asset Management Services ("**Exhibit A**"); and

WHEREAS, the Contractor shall provide the Services subject to certain reporting requirements and other oversight by the District's Manager, JPWard & Associates, LLC ("District Manager"), as set forth in the Agreement; and

WHEREAS, the Contractor has represented that it can continue to provide such Services as required by the District.

RESOLUTION 2026-1

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT AMENDING THE EXISTING AGREEMENT WITH CALVIN, GIORDANO & ASSOCIATES, INC., WITH A REVISED AGREEMENT FOR ASSET MANAGEMENT SERVICES BY AND BETWEEN THE DISTRICT AND CALVIN, GIORDANO & ASSOCIATES, INC., TO PROVIDE FOR AN HOURLY RATE BASIS FOR SERVICES; PROVIDING FOR CONFLICT; PROVIDING FOR SEVERABILITY AND PROVIDING AN EFFECTIVE DATE.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT:

SECTION 1. RECITALS. That the above recitals are true and correct and are incorporated by reference.

SECTION 2. SERVICES. The Contractor agrees to continue to provide general asset management services, as authorized by the District Manager. Contractor shall solely be responsible for the means, manner and methods by which its duties, obligations and responsibilities are met to the satisfaction of the District. The Contractors services under the Agreement grants the right for the Contractor to enter onto the District property that is the subject of said Agreement, and for those purposes described in said Agreement.

SECTION 3. TERM. The District engages Contractor as an independent contractor and Contractor accepts such engagement for the term beginning on **October 1, 2025**. Said Agreement shall be continuing in nature unless and until terminated in accordance with the terms of said Agreement.

SECTION 4. PROVIDING FOR AN EFFECTIVE DATE. This Resolution shall become effective immediately upon passage, and upon full execution of said Agreement, it shall amend and replace that certain prior Agreement for Field Maintenance Oversight Services as of October 1, 2025.

PASSED AND ADOPTED by the Board of Supervisors of the Currents Community Development District, Lee County, Florida, this 9th day of October 2025.

ATTEST:

MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT

James P. Ward, Secretary

Alan Refkin, Chairperson

Exhibit A: Agreement for Asset Management Services

AGREEMENT FOR ASSET MANAGEMENT SERVICES

THIS AGREEMENT FOR ASSET MANAGEMENT SERVICES ("**Agreement**") is made and entered into to be effective the 9th day of October, 2025 ("**Effective Date**"), and is by and between **MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT**, a local unit of special purpose government established pursuant to Chapter 190, *Florida Statutes*, being situated in Lee County Florida ("**District**"), and **CALVIN, GIORDANO & ASSOCIATES, INC.**, a Florida corporation ("**Contractor**"). District and Contractor are sometimes referred to herein collectively as the "**Parties**" and individually as a "**Party**".

WITNESSETH:

WHEREAS, District has the responsibility for operating and/or maintaining certain public facilities in accordance with Chapter 190 F.S. including, without limitation, storm water management system (lakes and drainage system), conservation areas, landscaping and irrigation system and such other services that may be added during the term of this Agreement and within and outside the District's boundaries (collectively, "**CDD Facilities**"); and

WHEREAS, District from time to time contracts certain independent contractors to perform maintenance work on the CDD Facilities ("**CDD Maintenance Contractors**"); and

WHEREAS, District desires to employ Contractor to manage and oversee the CDD Facilities and the CDD Maintenance Contractors, and otherwise provide the Services ("**Services**") described in **Exhibit A**, attached hereto and made a part hereof; and

WHEREAS, Contractor shall provide the Services subject to certain reporting requirements and other oversight by the District's Manager, JPWard & Associates, LLC ("**District Manager**"), as set forth more fully herein; and

WHEREAS, Contractor has represented that it can provide such Services as required by District.

NOW THEREFORE, for good and valuable consideration, including the mutual benefits provided to each Party by this Agreement, receipt and sufficiency of which are acknowledged by the Parties, it is mutually agreed by and between the Parties as follows:

1. RECITALS. The above recitals are true and correct and are incorporated by reference.

2. DISTRICT MANAGER. Contractor shall report to the District Manager, and shall be subject to the reporting requirements and other oversight by the District Manager as set forth in this Agreement. The Contractor shall have no authority to contract on behalf of the District or have access to District funds.

3. SERVICES. The Contractor agrees to provide general asset management services, as authorized by the District Manager. (i) using its best skill and judgment and in accordance with generally accepted professional standards, and (ii) in compliance with all applicable federal, state, county, municipal, building and zoning, land use, environmental, public safety, non-discrimination and disability accessibility laws, codes, ordinances, rules and regulations, permits and approvals, including, without limitation, all professional registration (both corporate and individual) for all required basic disciplines that it shall perform. While providing the Services, the Contractor shall assign such staff as may be required, and such staff shall be responsible for coordinating,

expediting, and controlling all aspects to assure completion of the Services. Contractor represents that the Services are sufficient to ensure that the CDD Facilities are being operated in a manner consistent with applicable permits and approvals, if any. Contractor shall solely be responsible for the means, manner and methods by which its duties, obligations and responsibilities are met to the satisfaction of the District. This Agreement grants to Contractor the right to enter the District property that is the subject of this Agreement, and for those purposes described in this Agreement. In addition to and as part of the Services set forth on **Exhibit A,** the Contractor shall provide the following Services:

a. ***Asset Manager & Asset Manager Staff -*** Contractor shall identify a primary field operations manager ("**Asset Manager**") to provide the Services, and may also hire one or more individuals and/or subcontractors (together, "**Asset Manager Staff**") to work under the direction of the Asset Manager.

   The District Manager shall, in its sole discretion, have the right to approve or disapprove of any candidates for Asset Manager, and to have the Asset Manager and/or any Asset Manager Staff members removed upon sixty (60) days prior written notice to the Contractor. CGA shall have and maintain the sole responsibility for and control of its personnel. Unless otherwise waived by the District, Contractor shall provide no less than three (3) candidates for the District Manager to review for the Asset Manager position. In the event District Manager disapproves of any Asset Manager candidate proposed by Contractor, Contractor shall select either from any approved candidates or submit additional candidates for the District Manager to review. The District Manager shall have the right to approve any replacement of the Asset Manager by Contractor in the same manner described above; provided, however, that prior to any such final appointment of a replacement Asset Manager, Contractor may employ an interim person in said manager position.

b. ***Management of Vendors –*** Contractor shall manage, direct, coordinate, oversee and monitor all of the vendors that are performing services on any CDD Facilities as directed by District Manager from time to time.

c. ***Investigation of Claims/Damage –*** Contractor shall promptly investigate and make a full written report as to all accidents or claims for damage relating to the ownership, operation and maintenance of the CDD Facilities and the estimated cost of repair.

4. COMPENSATION; PAYMENT. As compensation for the Services described in this Agreement, District agrees and covenants to pay Contractor certain professional fees ("**Professional Fees**") for its full and faithful performance of the Services herein. The current schedule for Professional Fees is set forth on **Exhibit A** attached hereto and made a part hereof. If requested by the District, Contractor shall provide the District with written updates of the rate schedule. The Professional Fees shall be payable in equal monthly installments at the beginning of each month, and the amount of said Professional Fees.

The Contractor shall maintain records conforming to usual accounting practices. Further, the Contractor agrees to render monthly invoices to the District, in writing, which shall be delivered or mailed to the District by the fifth (5th) day of the next succeeding month. Each monthly invoice shall contain, at a minimum, the District's name, the Contractor's name, the invoice date, an invoice number, an itemized listing of all costs billed on the invoice with a description of each sufficient for the District to approve each cost, the time frame within which the services were provided, and the

address or bank information to which payment is to be remitted. Consistent with Florida's Prompt Payment Act, Section 218.70 et al. of the Florida Statutes, these monthly invoices are due and payable within forty-five (45) days of receipt by the District.

Costs and Expenses - District shall pay or reimburse Contractor for actual costs which may be incurred by Contractor in the performance of the Services and its obligations, duties and undertakings for District.

5. TERM. District engages Contractor as an independent contractor and Contractor accepts such engagement for the term beginning on October 1, 2025. This Agreement shall be continuing in nature unless and until terminated in accordance with the terms of this Agreement.

6. TERMINATION. District agrees that Contractor may terminate this Agreement with or without cause by providing ninety (90) days written notice of termination to District; provided, however, that District shall be provided a reasonable opportunity to cure any breach under this Agreement by District. District may terminate this Agreement with or without cause. District may terminate this Agreement immediately with cause by providing written notice of termination to Contractor. District shall provide sixty (60) days written notice of termination without cause. Upon any termination of this Agreement, Contractor's sole remedy shall be payment for all work and/or services rendered up until the effective termination of this Agreement, subject to whatever claims or off-sets District may have against Contractor. Contractor shall be paid for services rendered up through the date of termination. All obligations arising under this Agreement shall be null and void as of the termination date, except for Contractor's obligations to turn over all District books, records, or other property (including, without limitation, data stored electronically) in Contractor's possession which relate directly or indirectly to District.

7. INDEPENDENT CONTRACTOR. This Agreement does not create an employee/employer relationship between the Parties. It is the intent of the Parties that Contractor is an independent contractor under this Agreement and not District's employee for all purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Workers' Compensation Act, and the State unemployment insurance law. Contractor shall retain sole and absolute discretion in the judgment of the manner and means of carrying out Contractor's activities and responsibilities hereunder provided, further that administrative procedures applicable to the Services performed shall be those of Contractor, which policies of Contractor shall not conflict with District, or other government policies, rules or regulations relating to the use of Contractor's funds provided by this Agreement. Contractor agrees that it is a separate and independent enterprise from District, that it has full opportunity to find other business, that it has made its own investment in its business, and that it will utilize the skill necessary to perform the work. This Agreement shall not be construed as creating any joint employment relationship between Contractor and District and District will not be liable for any obligation incurred by Contractor, including but not limited to unpaid minimum wages and/or overtime premiums. Contractor shall not incur expenses on behalf of District, enter into any contract on behalf of District, either written or oral, or in any other way, attempt to obligate or bind District. Instead, all contracts shall be submitted to the District Manager for approval and execution. Subject to the preceding provision, District hereby appoints Contractor as its agent for the performance of the Services.

8. COMPLIANCE WITH LAW. In providing the Services, Contractor shall comply with all applicable laws, rules, and regulations, including but not limited to all orders or requirements affecting the District property placed thereon by any governmental authority having jurisdiction.

9. PERMITS AND LICENSES. All permits or licenses necessary for the Contractor to perform under this Agreement shall be obtained and paid for by the Contractor.

10. INSURANCE. Contractor shall maintain throughout the term of this Agreement the insurance listed below:

a. Workers' Compensation insurance on behalf of all employees who are to provide a service under this Contract, as required under applicable Florida law and Employer's Liability with limits of not less than $100,000 per employee per accident, $500,000 disease aggregate, and $100,000 per employee per disease.

b. Commercial General Liability insurance on comprehensive basis including but not limited to bodily injury, property damage, contractual, products and completed operations, and personal injury with limits of not less than (1,000,000.00) per occurrence, ($2,000,000.00) aggregate covering all work performed under this Agreement.

c. Contractual liability insurance covering all liability arising out of the terms of this Agreement.

d. Automobile liability insurance for bodily injury and property damage, including all vehicles owned, leased, hired and non-owned vehicles with limits of not less than ($1,000,000.00) combined single limit covering all work performed under this Agreement.

District shall be named as an additional insured on the commercial general liability policy and the policy shall be endorsed that such coverage shall be primary to any similar coverage carried by District. Certificates of insurance acceptable to District shall be filed by Contractor with District prior to the commencement of the Services. Said certificate shall clearly indicate type of insurance, amount and classification in strict accordance with the foregoing requirements. These certificates shall contain a provision that coverage afforded under Contractor's policies will not be cancelled until at least thirty (30) days prior written notice has been given to District by certified mail. All insurance policies required of Contractor shall be issued by a company authorized to do business under the laws of the State of Florida, with a minimum A.M. Best Rating of "A". The acceptance by District of any Certificate of Insurance does not constitute approval or agreement by District that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate of Insurance is in compliance with the requirements of this Agreement. Should at any time Contractor fail for any or no reason to maintain the insurance coverage required, District may immediately terminate this Agreement. If the initial or any subsequently issued certificate of insurance expires prior to the completion of the Services, Contractor shall furnish to District renewal or replacement certificate(s) of insurance not later than thirty (30) calendar days prior to the date of their expiration.

NOTWITHSTANDING ANY PROVISION OF THE AGREEMENT TO THE CONTRARY, IN NO EVENT SHALL THE TOTAL AGGREGATE LIABILITY OF CONTRACTOR UNDER THIS AGREEMENT EXCEED THE MINIMUM AVAILABLE LIMITS OF INSURANCE COVERAGE REQUIRED UNDER THIS AGREEMENT.

11. INDEMNIFICATION. The Contractor agrees, to the fullest extent permitted by law, to indemnify, and hold harmless the District, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Contractor and other persons employed or utilized by the Contractor in the performance of this Agreement. To the extent that a maximum limit for indemnification is required by law, and not otherwise set forth in the Agreement, the indemnification limits shall be the greater of the limits of the insurance amounts set forth in the Agreement or Two Million Dollars ($2,000,000), which amounts, Contractor agrees are reasonable and enforceable, and were included as part of the bid documents. The Contractor's obligations are intended to be consistent with all provisions of applicable law, and to the extent found inconsistent by a court of competent jurisdiction, shall be deemed reformed such that the obligations extend to the maximum limits of the law. Contractor agrees and covenants that nothing herein shall constitute or be construed as a waiver of the District's sovereign immunity pursuant to Section 768.28, *Florida Statutes*.

PURSUANT TO FLORIDA STATUTES SECTION 558.0035(2013), AN INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

12. DEFAULT; THIRD-PARTY INTERFERENCE. A default by either party under this Agreement shall entitle the other to all remedies available at law or in equity, which may include, but not be limited to, the right of damages, injunctive relief, and/or specific performance. The District shall be solely responsible for enforcing its rights under this Agreement against any interfering third party. Nothing contained herein shall limit or impair the District's right to protect its rights from interference by a third-party to this Agreement.

13. ATTORNEY'S FEES. In the event that either the District or Contractor is required to enforce this Agreement by court proceedings or otherwise, then the prevailing party shall be entitled to recover all fees and costs incurred, including reasonable attorneys' fees and costs for trial, alternative dispute resolution, or appellate proceedings.

14. ENTIRE AGREEMENT. This instrument shall constitute the final and complete expression of the agreement between the parties hereto relating to the subject matter of this Agreement.

15. AMENDMENTS. Amendments to and waivers of the provisions contained in this Agreement may be made only by an instrument in writing which is executed by both parties hereto.

16. NOTICES. All notices, requests, consents, and other communications under this Agreement ("**Notices**") shall be in writing and shall be hand delivered, mailed by Overnight Delivery, email or First Class Mail, postage prepaid, to the parties, at the addresses listed below. Except as otherwise provided in this Agreement, any Notice shall be deemed received only upon actual delivery at the address set forth above. Notices delivered after 5:00 p.m. (at the place of delivery) or on a non-business day, shall be deemed received on the next business day. If any time for giving Notice contained in this Agreement would otherwise expire on a non-business day, the Notice period shall be extended to the next succeeding business day. Saturdays, Sundays, and

legal holidays recognized by the United States government shall not be regarded as business days. Counsel for the District and counsel for Contractor may deliver Notice on behalf of the District and Contractor. Any party or other person to whom Notices are to be sent or copied may notify the other parties and addressees of any change in name or address to which Notices shall be sent by providing the same on five (5) days' written notice to the parties and addressees set forth herein.

IF TO DISTRICT:

Miromar Lakes Community Development District
c/o JPWard and Associates, LLC
2301 Northeast 37th Street
Ft. Lauderdale, Florida, 33308

IF TO CONTRACTOR:

Calvin, Giordano & Associates, Inc.
Attn: Christopher Giordano
c.giordano@safebuilt.com
1800 Eller Drive, Suite 600
Fort Lauderdale, Florida 33316

17. THIRD-PARTY BENEFICIARIES. This Agreement is solely for the benefit of the District and Contractor and no right or cause of action shall accrue upon or by reason, to or for the benefit of any third-party not a formal party to this Agreement. Nothing in this Agreement expressed or implied is intended or shall be construed to confer upon any person or corporation other than the District and Contractor any right, remedy, or claim under or by reason of this Agreement or any of the provisions or conditions of this Agreement; and all of the provisions, representations, covenants, and conditions contained in this Agreement shall inure to the sole benefit of and shall be binding upon the District and Contractor and their respective representatives, successors, and assigns.

18. ASSIGNMENT. Neither the District nor Contractor may assign this Agreement or any monies to become due hereunder without the prior written approval of the other, which approval shall not be unreasonably delayed or withheld. Any purported assignment without such written approval shall be void.

19. CONTROLLING LAW; VENUE. This Agreement and the provisions contained in this Agreement shall be construed, interpreted, and controlled according to the laws of the State of Florida. The parties agree that venue for any action arising hereunder shall be in a court of appropriate jurisdiction in the County in which the District is located.

20. PUBLIC RECORDS. Contractor understands and agrees that all documents of any kind provided to the District in connection with this Agreement may be public records, and, accordingly, Contractor agrees to comply with all applicable provisions of Florida law in handling such records, including but not limited to section 119.0701, *Florida Statutes*. Contractor acknowledges that the designated public records custodian for the District is the District's Manager ("**Public Records Custodian**"). Among other requirements and to the extent applicable by law, Contractor shall 1) keep and maintain public records required by the District to perform the service; 2) upon request by the Public Records Custodian, provide the District with the requested public records within a reasonable time period at a cost that does not exceed the cost provided in Chapter

119, *Florida Statutes*; 3) ensure that public records which are exempt or confidential, and exempt from public records disclosure requirements, are not disclosed except as authorized by law for the duration of the contract term and following the contract term if Contractor does not transfer the records to the Public Records Custodian of the District; and 4) upon completion of the contract, transfer to the District, at no cost, all public records in Contractor's possession or, alternatively, keep, maintain and meet all applicable requirements for retaining public records pursuant to Florida laws. When such public records are transferred by Contractor, Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the District in a format that is compatible with Microsoft Word or Adobe PDF formats.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, *FLORIDA STATUTES*, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS, C/O JPWARD & ASSOCIATES, LLC, 2301 N.E. 37TH STREET, FORT LAUDERDALE, FLORIDA 33308, JIMWARD@JPWARDASSOCIATES.COM, (954) 658-4900.

21. SEVERABILITY. The invalidity or unenforceability of any one or more provisions of this Agreement shall not affect the validity or enforceability of the remaining portions of this Agreement or any part of this Agreement not held to be invalid or unenforceable.

22. HEADINGS. The descriptive headings in this Agreement are for convenience only and shall not control nor affect the meaning or construction of any of the provisions of this Agreement.

23. NEGOTIATIONS AT ARM'S LENGTH. This Agreement has been negotiated fully between the parties as an arm's length transaction. The parties participated fully in the preparation of this Agreement and received, or had the opportunity to receive, the advice of counsel. In the case of a dispute concerning the interpretation of any provision of this Agreement, all parties are deemed to have drafted, chosen, and selected the language, and the doubtful language will not be interpreted or construed against any party.

24. LIMITATIONS ON LIABILITY. Nothing in this Agreement shall be deemed as a waiver of immunity or limits of liability of the District beyond any statutory limited waiver of immunity or limits of liability which may have been adopted by the Florida Legislature in section 768.28, *Florida Statutes*, or other statute or law, and nothing in this Agreement shall inure to the benefit of any third party for the purpose of allowing any claim which would otherwise be barred under the Doctrine of Sovereign Immunity or by operation of law.

25. SCRUTINIZED COMPANIES. Contractor certifies that it is not in violation of section 287.135, *Florida Statutes*, and is not prohibited from doing business with the District under Florida law, including but not limited to Scrutinized Companies with Activities in Sudan List or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. If Contractor is found to have submitted a false statement, has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria, or is now or in the future on the Scrutinized Companies that Boycott Israel List, or engaged in a boycott of Israel, the District may immediately terminate this Agreement.

26. E-VERIFY. Contractor shall comply with and perform all applicable provisions of Section 448.095, *Florida Statutes*. Accordingly, to the extent required by Florida Statute, Contractor shall register with and use the United States Department of Homeland Security's E-Verify system to verify the work authorization status of all newly hired employees and shall comply with all requirements of Section 448.095, *Florida Statutes*, as to the use of subcontractors. The District may terminate the Agreement immediately for cause if there is a good faith belief that the Contractor has knowingly violated Section 448.091, *Florida Statutes*. By entering into this Agreement, the Contractor represents that no public employer has terminated a contract with the Contractor under Section 448.095(2)(c), *Florida Statutes*, within the year immediately preceding the date of this Agreement.

27. CONFLICTS. In the event that there are any conflicts between the terms of this Agreement and its exhibits, the terms of this Agreement shall control.

28. AUTHORIZATION. The execution of this Agreement has been duly authorized by the appropriate body or official of both parties hereto, both parties have complied with all the requirements of law, and both parties have full power and authority to comply with the terms and provisions of this Agreement.

29. E-SIGNATURE; COUNTERPARTS. This Agreement may be executed by electronic signature, and in any number of counterparts; however, all such counterparts together shall constitute but one and the same instrument.

30. REPLACEMENT OF PRIOR AGREEMENT. Upon full execution of this Agreement, it shall amend and replace that certain prior Agreement for Field Maintenance Oversight Services as of the Effective Date.

[CONTINUED ON NEXT PAGE]

AGREEMENT FOR ASSET MANAGEMENT SERVICES

The Parties execute this Agreement and further agree that it shall take effect as of the date first written above.

Miromar Lakes Community Development District

James P. Ward, Secretary

Alan Refkin, Chairperson

Calvin, Giordano & Associates, Inc.

Name: David Stambaugh
Its: Vice President

FEE SCHEDULE
EXHIBIT "A"

CGA

Calvin, Giordano & Associates, Inc.

A SAFEbuilt® COMPANY

PROFESSIONAL FEE SCHEDULE - 2025 RATES

Principal	$270
Contract Administrator	$250
Project Coordinator	$126
Executive Assistant / Clerical	$93

ENGINEERING

Director, Engineering	$242
Sr. Project Manager	$211
Project Manager	$192
Sr. Engineer	$194
Project Engineer	$169
Engineer	$144
Jr. Engineer	$126
Senior CADD Tech	$146
CADD Technician	$124
Permit Administrator	$118
Engineering Plan Review	$192
Certified Floodplain Manager	$169

LANDSCAPE ARCHITECT

Director, Landscape Architect	$242
Senior LA/Urbanist	$194
Environmental Administrator	$161
Environmental Specialist	$134
Environmental Assistant	$124
Landscape Architect/Urbanist	$178
Senior CADD Tech	$146
CADD Technician	$124
Landscape Inspector/Arborist	$134
Landscape Plan Reviewer	$183
Jr. Landscape Architect/Urbanist	$161
Landscape Designer	$134
Jr. Landscape Designer	$119
Landscape Analyst	$87

SURVEYING

Director, Surveying	$242
Senior Registered Surveyor	$191
Survey Crew	$177
Registered Surveyor	$171
Survey Coordinator	$137
CADD Technician	$124
3D Laser Scanner	$484
G.P.S. Survey Crew	$213

EXPERT WITNESS

Principal	$427
Registered Engineer/Surveyor	$362
Project Engineer	$296

INDOOR AIR QUALITY SERVICES

Sr. Environmental Scientist	$161
Environmental Scientist	$134

CONSTRUCTION

Director, Construction	$242
Sr. Project Engineer (CEI)	$217
Project Administrator (CEI)	$163
Construction Management Director	$180
Construction Manager	$163
Senior Inspector	$134
ITS Inspector	$134
Inspector	$122
Inspector Aide	$117
Construction Coordinator	$126
Resident Compliance Specialist	$122

GOVERNMENT SERVICES

Director, Governmental Services	$242
Director, Code Enforcement	$189
Director, Building Code	$189
Project Manager	$192
Code Enforcement Field Supervisor	$144
Code Enforcement Field Inspector	$122
Special Magistrate Clerk	$93
Building Official	$149
Building Plans Reviewer	$128
Building Inspector	$122
Permit Processor	$93
Engineering Plan Review	$192
Certified Floodplain Manager	$169

PLANNING

Director, Planning	$242
Planning Administrator	$197
Principal Planner	$191
Planning Manager	$191
Senior Planner	$163
Planner	$137
Assistant Planner	$120
Planning Technician	$93
Grants Administrator	$197
Grants Coordinator	$137

DATA TECH DEVELOPMENT

Director, Data Tech Dev.	$242
GIS Coordinator	$191
GIS Specialist	$163
Multi-Media 3D Developer	$146
GIS Technician	$126
Sr. Applications Developer	$242
Applications Developer	$180
Network Administrator	$201
System Support Specialist	$146
IT Support Specialist	$110

Building Code Services
Civil Engineering / Roadway & Highway Design
Coastal Engineering
Code Enforcement
Construction Engineering & Inspection (CEI)
Construction Services
Data Technologies & Development
Electrical Engineering
Engineering
Environmental Services
Facilities Management
Grant Management & Writing
Geographic Information Systems (GIS)
Governmental Services
Indoor Air Quality (IAQ)
Landscape Architecture
Planning
Project Management
Redevelopment & Urban Design
Surveying & Mapping
Transportation & Mobility
Transportation Planning
Water / Utilities Engineering
Website Development

1800 Eller Drive
Suite 600
Fort Lauderdale, FL 33316
Tel: 954.921.7781
Fax: 954.921.8807

www.cgasolutions.com

In addition to the hourly rates listed above, charges will include direct out-of-pocket expenses such as reproduction, overnight mail, and other reimbursables billed at a multiplier of 1.25.

Effective January 1, 2025

2164 West First St, Suite A
Fort Myers, Florida 33901
www.ghd.com

Our ref: 11225022-19

September 29, 2025

Mr. Richard Freeman
Calvin, Giordano & Associates, Inc.
1800 Eller Drive, Suite 600
Fort Lauderdale, FL, 33316

Miromar Lakes Water Quality Sampling Report – August 2025

Dear Mr. Freeman,

GHD Services Inc. (GHD) is pleased to present the results of the August 2025 water quality sampling services for for Lakes 3 and 6 – Miromar Lakes.

1. Water Quality Sampling – August 2025

The August 2025 sampling event, conducted on August 26, 2025, consisted of the collection of surface water samples from a total of five (5) test locations within Lake 6 (WQL #1 through #4 and #6). One (1) additional surface water sample was taken near the weir outfall located in Lake 3 within the Miromar Lakes Golf Club (WQL #5). The sampling locations are depicted on **Figure 1.**

The sampling plan includes sample collection at the following locations and depths:

Sample Identification	Sampling Location	Sample Depth
WQ Location #1	Rip Rap in front of the Miromar Lakes Pkwy Bridge	18 inches
WQ Location #2	Mouth of Canal (west of Via Portofino Way)	18 inches
WQ Location #3A	Back of Weir (southeast of Via Navona Way)	18 inches
WQ Location #4	Beachfront (east of the Miromar Lakes Pkwy & Montlelago Ct.)	18 inches
WQ Location #5	Lake 3 Outfall within the Miromar Lakes Golf Club	18 inches
WQ Location #6	Front of Weir (southeast of Via Navona Way)	36 inches

Conductivity, dissolved oxygen (DO), pH, and temperature were measured in the field with a calibrated YSI Model 556 multi-parameter water quality meter. Turbidity and total water depth were measured at the time of sample collection. Surface Water Field Sheets are attached. Field data is summarized in **Table 1**.

Samples from WQL #1 through #4 and #6 are accessed via boat and collected using direct grab sampling methods. The sample from WQL #5 is collected using direct dip sampling methods, utilizing a long-reach sampling pole. The samples are capped, labeled, packed on ice, and transported to Benchmark EnviroAnalytical, Inc., in North Port, Florida. Benchmark EnviroAnalytical, Inc. is certified by the State of Florida and NELAP (National Environmental Laboratory Accreditation Conference). Laboratory analyses are conducted for 5-day biochemical oxygen demand (BOD5), total suspended solids (TSS), total nitrogen, nitrogen speciation

[ammonia, total Kjeldahl nitrogen (TKN), and nitrate + nitrite], total phosphorus, ortho phosphorus (lab filtered), and chlorophyll-*a*.

All samples collected during the August 2025 sampling event were prepared and analyzed within the method-required holding times. The laboratory data have been reviewed with respect to authenticity, precision, limits of detection, and accuracy of the data. The laboratory analytical results are summarized in the attached **Laboratory Analytical Reports.**

Trend graphs have been prepared for each monitor location for laboratory analytical results and select field measurements. The trend graphs include water quality action levels for select parameters as developed and presented in the Lake Management Plan for Miromar Lakes. GHD recommends that if a single measurement exceeds an action level that the District notify their lake maintenance contractor to inspect the lake(s) for evidence of potential algal blooms and treat as needed. If a subsequent measurement exceeds an action level, it is recommended that the District investigates potential reasons behind the change and takes appropriate action(s) as applicable based on the findings.

2. Analytical Summary

It appears that between the prior sampling event in April 2025 and the recent sampling event conducted on August 26, 2025:

- BOD5 levels remained consistent and low. The BOD5 concentration at all sampling locations was either below the method detection limit ([MDL], noted by a “U” following the result), or between the MDL and the practical quantitation limit ([PQL], noted by a “I” following the result).
- The average chlorophyll-*a* concentration slightly increased from 4.58 milligrams per meter cubed (mg/m^3) in April to 6.25 mg/m^3 in August. All locations displayed chlorophyll-*a* concentrations far below the action limit, defined as 20 mg/m^3.
- DO trends have historically varied. The average DO (%) decreased (from 95.67% in April to 87.23% in August). All sampling locations remain significantly above the action limit, defined as 38%.
- The average concentration of total nitrogen increased (from 0.411 mg/L in April to 0.659 mg/L in August).
- The average concentration of total phosphorus remained consistent (from 0.011 mg/L in April to 0.012 mg/L in August).
- The average concentration of ortho phosphorus also remained relatively consistent (from 0.004 mg/L in April to 0.006 mg/L in August).
- The average turbidity decreased (from 6.05 NTU in April to 3.33 NTU in August).
- The average concentration of total suspended solids also decreased (from 7.13 mg/L in April to 1.97 mg/L in August).
- The average conductivity decreased (from 353.7 micromhos per centimeter [µmhos/cm] in April to 310.3 µmhos/cm in August).
- The average pH increased (from 8.17 SU in April to 8.50 SU in August).
- The average temperature increased (from 27.3°C in April to 31.0°C in August).

The biochemical oxygen demand (BOD5) results at all sampling locations remain low, with all concentrations below the MDL or between the MDL and the PQL. The concentration of BOD5 remained stable at all sampling locations when compared to the previous sampling event.

The chlorophyll-*a* concentrations were below the action level of 20 mg/m^3 at all sampling locations and no visual evidence of algal blooms was noted. When compared to the previous sampling event, chlorophyll-*a*

concentrations increased at all locations, except for WQL #5, where it decreased. The highest level of chlorophyll-*a* was detected at WQL #5 (10.5 mg/m3). Elevated concentrations of chlorophyll-*a* at WQL #5 have historically been noted and are most likely due to the location's proximity to the golf course.

In general, chlorophyll-*a* levels below 10.0 mg/m3 are ideal for freshwater lakes to support a healthy ecosystem. This level was slightly exceeded for the August 2025 sampling event at WQL #5 (10.5 mg/m^3). GHD expects that the chlorophyll-*a* levels will continue to follow the cyclic trend previously identified (increasing chlorophyll-*a* levels during the warmer months of the year (March through September) and decreasing levels in the cooler months (September through February). Given this, GHD expects the chlorophyll-*a* levels to decrease before the next sampling event in November 2025.

The dissolved oxygen readings at the monitoring locations fluctuate throughout the year as anticipated given the temperature of the water and biological activity. The dissolved oxygen at all sampling locations remains significantly above the defined action level (a minimum of 38%). When compared to the previous sampling event, the DO concentration decreased or remained consistent at all sampling locations. The lowest DO concentration was detected at WQL #5 (74.4%), and the highest was at WQL #4 (93.3 %). Each location's dissolved oxygen levels remain far above the action level and within historical ranges.

Since the previous sampling event, the total nitrogen concentration increased at all sampling locations except for WQL #5, where it decreased. The highest concentration of total nitrogen was observed at WQL #1, 0.921 mg/L. All locations remain well below the action level defined for total nitrogen (1.25 mg/L) and are consistent with historical results.

During the August 2025 sampling event, the concentrations of total phosphorus increased slightly at WQL #3 and remained consistent at the remaining WQLs. The total phosphorus concentration was either below the MDL or detected between the MDL and the PQL at all sampling locations. The highest concentration of total phosphorus was observed at WQL #3, 0.022 I mg/L. Results for total phosphorus are consistent with historical levels and are below the action limits, defined as 0.05 mg/L.

Since the previous sampling event, the turbidity decreased at all sampling locations. The highest concentration of turbidity was observed at WQL #5, 5.96 NTU. All locations remain well under the action level, defined as 32 NTU for the parameter, and within historical levels.

While the concentration of total suspended solids (TSS) has fluctuated, it generally remains below the action level of 8 mg/L. Since the previous sampling event, TSS decreased at all sampling locations. The highest level of TSS was observed at WQL #5, 4.00 mg/L. GHD confirms that the elevated levels of TSS within WQL #5 for the previous April 2025 sampling event was likely due to the low water level observed at the location.

The conductivity at all sampling locations decreased since the previous sampling event. The highest level of conductivity was displayed at WQL #5, 377 µmhos/cm. In general, conductivity levels between sampling locations remain consistent with one another. Generally, WQL #5 has a higher level of conductivity, due to its proximity to the golf course, whereas the other sampling locations are from Lake 6 in the residential development area. Therefore, the variation from WQL #5 to the other locations is expected.

The average pH across all water quality locations was calculated to be 8.50 SU, which represents an increase since the previous sampling event, 8.17 SU. The pH displayed during the August 2025 sampling event ranged from 8.26 SU at WQL #2 to 8.61 SU at WQL #4. All sampling locations displayed an increasing trend in pH when compared to the previous sampling event, except for WQL #2, where it decreased. The upper action limit for pH is defined at 8.5 SU. This limit was exceeded at WQL #3 (8.52 SU), WQL #4 (8.61 SU), WQL #5 (8.53 SU), and WQL #6 (8.60 SU).

pH is a critical parameter since, generally, algal blooms occur in slightly basic water. Specifically, Cyanobacteria (blue-green algae) prefer basic water (between a pH of 7.5 and 10 SU). The pH across all locations has historically fluctuated and is dependent on many factors, including biological activity and water temperature. A cyclic increasing and decreasing trend in pH has been observed since the beginning of

sampling records in April 2016. The lowest pHs across all locations appear to occur towards the end of the year (October to December), whereas the highest appear to occur between April and June. Thus, GHD expects the average pH to decrease prior to the next sampling event.

A Trophic State Index calculation (defined by FAC 62-303.200 and the Water Quality Assessment for the State of Florida 305(b) Report) was used to help classify the quality of water based on each water body's chlorophyll-*a*, total phosphorous, and total nitrogen concentration. A ratio of total nitrogen to total phosphorus was calculated for each water body to determine general conditions. For this sample event, the breakdown of the sample locations is below:

– Nutrient Balanced (10<TN/TP<30) – WQL #5
– Phosphorus Limited (TN/TP<10) – None
– Nitrogen Limited (TN/TP>30) – WQLs #1, #2, #3, #4, and #6

As can be seen above, all of the sampling locations except for WQL #5 were found to be nitrogen-limited during the August 2025 sampling event, consistent with the previous sampling event. WQL #5 was found to be nutrient balanced.

A TSI value was calculated based on the TN/TP ratio for each location. A TSI of 0-59 is "good", a value of 60-69 is "fair", and a value of 70+ is "poor". Based on the results of this sampling event, each sampling location's calculated TSI value is:

WQL #1	WQL #2	WQL #3	WQL #4	WQL #5	WQL #6
32.59	34.24	45.75	31.99	33.22	44.60

As displayed in the table above, all sampling locations displayed a "good" TSI value for the August 2025 sampling event, indicating no water quality concerns.

3. Conclusions and Recommendations

Water quality conditions in August 2025 appear to have improved since the previous April 2025 sampling event, especially at WQL #5. Previously, the TSI value at WQL #5 was calculated to be "poor" due to elevated levels of total phosphorus and chlorophyll-*a.* Since April, both of these concentrations have decreased at WQL #5 and the TSI value has improved to "good." WQL #5 is located within the Miromar Lakes Golf Course. GHD believes that the area near WQL #5 was fertilized or treated just prior to the April sampling event, resulting in an influx in nutrients and, therefore, a momentary increase in chlorophyll-*a* concentration.

As noted above, there was no visual evidence of algal blooms at any sampling location at the time of the sampling event.

Overall, increasing trends were observed for total nitrogen, total Kjeldahl nitrogen, chlorophyll-*a,* pH, and temperature. Decreasing/stable trends were noted for BOD5, dissolved oxygen, total phosphorus, total suspended solids, ortho phosphorus, turbidity, and conductivity.

The concentration of pH at four (4) out of six (6) sampling locations exceeded the upper action limit of 8.5 SU. This infers these locations may be an ideal environment for algal growth. Cyanobacteria (blue-green algae) prefer basic water (between a pH of 7.5 and 10 SU). However, nutrient and BOD5 levels remain low, and dissolved oxygen remains high at these locations, indicating no water quality concerns at this time.

The next tri-annual sampling event is planned for November 2025. Please call if you have any questions or need additional information.

Regards,

Jessica Walsh, E.I.
Engineer III

239-944-0709
Jessica.Walsh@ghd.com

Encl: Attachments: Laboratory Data Compliance Memo
Table
Figure
Trend Graphs
Laboratory Analytical Reports
Surface Water Field Sheets

Attachment 1

Table 1

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Miromar Lakes, Fort Myers, Florida
August 2025

Sample Location/Sample ID:		WQ Location #1 / WQL1																									
Sample Date:		**01/31/17**	**05/04/17**	**08/02/17**	**12/06/17**	**04/26/18**	**08/22/18**	**12/11/18**	**04/16/19**	**10/24/19**	**02/17/20**	**06/03/20**	**10/21/20**	**03/03/21**	**08/05/21**	**10/26/21**	**02/17/22**	**08/22/22**	**11/28/22**	**03/27/23**	**08/07/23**	**11/21/23**	**04/02/24**	**08/27/24**	**11/21/24**	**04/22/25**	**08/26/25**
Field Parameters	**Units**																										
Sample Depth	Feet	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1	1.5	1.5	1.5	1.5	1.5
Conductivity, field	umhos/cm	369.3	405	413.1	348.2	407.3	354.6	312.7	387.3	348.4	369	689	300	292	358	304	304	295	337	356.9	322.3	312	342.1	307.6	322.1	358	295
Dissolved oxygen (DO), field	mg/L	8.13	7.95	5.91	6.95	6.89	7.39	8.54	6.49	6.1	8.02	6.05	7.07	7.51	7	5.74	5.74	6.12	7.43	7.7	6.25	6.82	7.24	5.87	5.71	7.35	6.74
Dissolved oxygen (DO), field	%	88.5	101.6	79.6	83	87.6	98.9	96	80.9	78.1	94.5	77	87.1	90.6	93.1	72.3	72.3	83.1	90.1	93.4	87.4	82	87.4	81.7	68.6	95.5	90.4
pH, field	s.u.	8.13	7.97	8.23	8.08	8.37	8.24	8.31	8.13	8.36	8.26	8.29	8.57	8.82	8.1	8.32	8.5	8.64	7.77	7.95	8.36	8.21	8.29	7.87	8.31	8.02	8.47
Temperature, field	Deg C	19.5	28	31	24.3	27.7	30.6	21.1	26.6	28.1	23.44	29.1	26.6	25	29.91	27.4	27.4	31.5	25.3	25.2	32.6	23.9	24.8	30.6	24.4	27.47	30.63
Turbidity, field	NTU	4.64	8.16	5.05	3.02	2.9	5.53	4.39	3.32	3.71	1.66	3.63	2.42	1.58	1.87	1.82	1.82	2.93	1.48	2.94	8.4	1.91	4.06	0.02	2.56	4.08	2.82
Wet Parameters	**Units**																										
Ammonia-N	mg/L	0.035	0.008 U	0.008 U	0.026 I	0.008 U	0.022 I	0.008 U	0.008 U	0.017 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 I	0.008 U	0.008 U	0.008 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.030 I	0.016 I	0.021 I	0.026 I
Total kjeldahl nitrogen (TKN)	mg/L	0.968	0.611	0.58	0.629	0.551	0.565	0.632	0.619	0.588	0.632	0.591	0.05 U	0.48	0.474	0.531	0.43	0.63	0.689	0.712	0.6	0.656	0.468	0.368	0.558	0.387	0.91
Total nitrogen	mg/L	0.974	0.616	0.592	0.629	0.565	0.574	0.639	0.619	0.588	0.639	0.591	0.05 U	0.48	0.474	0.531	0.43	0.818	0.876	0.736	0.613	0.675	0.481	0.378	0.572	0.387	0.921
Nitrite/Nitrate	mg/L	0.006 I	0.005 I	0.012 I	0.004 U	0.014 I	0.009 I	0.007 I	0.006 U	0.006 U	0.007 I	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.188	0.187	0.024	0.013 I	0.019 I	0.013 I	0.010 I	0.014 I	0.006 U	0.011 I
Ortho phosphorus (Field Filtered)	mg/L	0.012	0.027	0.038	0.026	0.014	0.017	0.014	0.024	0.026	0.028	0.051	0.0126	0.024	0.011	0.014	0.003 I	0.018	0.007 I	0.023	0.012	0.004 I	0.006 I	0.007 I	0.01	0.003 I	0.003 I
Total phosphorus	mg/L	0.038	0.027 I	0.041	0.121	0.017 I	0.018 I	0.026 I	0.034	0.063	0.035	0.053	0.011 I	0.059	0.022 I	0.030 I	0.017 I	0.017 I	0.018 I	0.031 I	0.024 I	0.010 I	0.010 I	0.012 I	0.013 I	0.008 U	0.008 I
Chlorophyll	mg/m3	11.1	8.42	9.27	5.25	10.1	10.1	6.92	3.72	7.81	3.71	3.96	5.76	3.55	7.44	7.06	3.36	8.28	17.3	4.68	6.4	10.7	4.71	4.8	8.64	2.87	5.15
Total suspended solids (TSS)	mg/L	7	7.8	6.15	3.67	3.67	4	4.2	1.20 I	2.20 I	3.5	3.2	2.4	2.00 I	2.8	0.667 I	2.5	2.20 I	3.9	2.35	3.44	3.4	2.8	1.60 I	3.2	5.2	1.80 I
Biochemical oxygen demand (total BOD5)	mg/L	1.06 I	1.40 I	1.05 I	1 U	1.16 I	2.72 I	1.85 I	1.24 I	1.03 I	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Sample Location/Sample ID:		WQ Location #2 / WQL2																									
Sample Date:		**01/31/17**	**05/04/17**	**08/02/17**	**12/06/17**	**04/26/18**	**08/22/18**	**12/11/18**	**04/16/19**	**10/24/19**	**02/17/20**	**06/03/20**	**10/21/20**	**03/03/21**	**08/05/21**	**10/26/21**	**02/17/22**	**08/22/22**	**11/28/22**	**03/27/23**	**08/07/23**	**11/21/23**	**04/02/24**	**08/27/24**	**11/21/24**	**04/22/25**	**08/26/25**
Field Parameters	**Units**																										
Sample Depth	Feet	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1	1.5	1.5	1.5	1.5	1.5
Conductivity, field	umhos/cm	385.7	414	435	638.9	417	363.7	321.2	411.8	346.4	373	701	300	303	346	305	322	293	339	359.5	314.8	314	342	305.8	340.7	331	314
Dissolved oxygen (DO), field	mg/L	8.05	7.87	6.21	6.58	6.95	7.52	9.9	6.88	6.27	8.12	5.86	4.64	7.04	7.09	8.64	8.18	7.63	7.36	6.88	7	7.04	7.24	6.62	6.43	7.47	6.57
Dissolved oxygen (DO), field	%	87.6	101.8	82.9	77.7	88	100.2	110	85.9	81	96.2	77.2	51.1	86.9	93.7	99.9	90.4	99.2	89.6	89.4	100	83.9	87.7	88.9	77.5	96.4	88.1
pH, field	s.u.	7.97	8.21	8.11	7.89	8.31	8.03	8.06	8.25	8.27	8.49	8.31	8.26	8.72	8	8.22	8.44	8.56	7.97	8.26	8.41	8.13	8.26	7.88	8.26	8.49	8.26
Temperature, field	Deg C	19.5	28.7	30.5	23.7	27.5	30.4	20.5	26.7	28.5	23.9	30.1	27.1	25.5	29.87	27.4	20.2	31.6	25.6	25.3	32.7	24.1	25.3	31.1	24.3	27.85	30.66
Turbidity, field	NTU	4.66	7.15	3.12	3.2	8.22	3.75	5.76	3.37	3.55	2.18	3.49	2.4	3.41	2.44	2.13	2.07	2.9	1.13	3.14	8.2	1.4	7.63	3.55	2.03	5.13	2.27
Wet Parameters	**Units**																										
Ammonia-N	mg/L	0.071	0.008 U	0.008 U	0.036	0.008 U	0.008 U	0.008 U	0.027	0.008 U	0.008 U	0.008 U	0.009 I	0.008 U	0.017 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 I	0.008 U	0.025 I	0.008 I	0.011 I	0.021 I
Total kjeldahl nitrogen (TKN)	mg/L	1.04	0.507	0.641	0.71	0.675	0.613	0.693	0.606	0.605	0.403	0.556	0.5	0.45	0.469	0.542	0.538	0.635	0.704	0.61	0.632	0.603	0.843	0.364	0.435	0.561	0.89
Total nitrogen	mg/L	1.04	0.514	0.645	0.71	0.69	0.618	0.698	0.606	0.605	0.403	0.556	0.5	0.45	0.469	0.542	0.538	0.806	0.717	0.632	0.643	0.628	0.854	0.374	0.445	0.561	0.902
Nitrite/Nitrate	mg/L	U	0.007 I	0.004 I	0.004 U	0.015 I	0.005 I	0.006 I	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.171	0.013 I	0.022 I	0.011 I	0.025	0.011 I	0.010 I	0.010 I	0.006 U	0.012 I
Ortho phosphorus (Field Filtered)	mg/L	0.015	0.028	0.05	0.025	0.015	0.02	0.008	0.002 U	0.055	0.035	0.053	0.0288	0.026	0.016	0.015	0.01	0.01	0.005 I	0.016	0.026	0.015	0.009	0.005 I	0.004 I	0.002 I	0.005 I
Total phosphorus	mg/L	0.031 I	0.054	0.065	0.042	0.023 I	0.008 U	0.009 I	0.008 U	0.073	0.069	0.062	0.012 I	0.032	0.017 I	0.036	0.020 I	0.021 I	0.031 I	0.028 I	0.032	0.028 I	0.014 I	0.011 I	0.008 U	0.008 U	0.009 I
Chlorophyll	mg/m3	11.7	7.76	7.13	5.42	8.35	9.06	8.8	5.28	9.11	4.34	5.11	6.13	2.04	5.95	7.37	3.72	11.6	17.7	5.26	6.95	7.16	3.95	7.54	8.92	4.33	5.34
Total suspended solids (TSS)	mg/L	7.2	6.6	2.6	3.6	8	1.00 I	4.67	3.8	2.4	3	2.4	2.4	2.8	2.8	2.00 I	1.75 I	2.00 I	4.5	2.04 I	2.55	2.8	0.800 I	4	2.8	5.6	1.20 I
Biochemical oxygen demand (total BOD5)	mg/L	1.33 I	1.13 I	1 U	1 U	1.36 I	1.89 I	1.10 I	1.40 I	1.50 I	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.03	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Miromar Lakes, Fort Myers, Florida
August 2025

Sample Location/Sample ID:		WQ Location #3A / WQL3A																											
Sample Date:		**01/31/17**	**05/04/17**	**08/02/17**	**12/06/17**	**04/26/18**	**08/22/18**	**12/11/18**	**04/16/19**	**10/24/19**	**02/17/20**	**06/03/20**	**10/21/20**	**03/03/21**	**08/05/21**	**10/26/21**	**02/17/22**	**08/22/22**	**11/28/22**	**03/27/23**	**08/07/23**	**11/21/23**	**04/02/24**	**08/27/24**	**11/21/24**	**04/22/25**	**08/26/25**
Field Parameters	**Units**																										
Sample Depth	Feet	1.5	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1	1.5	1.5	1.5	1.5	1.5
Conductivity, field	umhos/cm	375.7	430	200.4	339	418.9	365.1	323	391.9	373.2	381	690	293	297	363	313	321	296	330	344.4	331.5	305	356.3	298	326.9	319	293
Dissolved oxygen (DO), field	mg/L	7.4	14.02	1.38	6.49	6.16	7.33	8.44	5.82	2.05	5.77	6.49	6.41	5.62	3.15	8.43	6.7	6.88	8.25	5.53	6.25	6.82	7.06	5.74	7.18	7.56	6.39
Dissolved oxygen (DO), field	%	81.5	198	17.42	76.4	78.2	97.9	94.3	72.7	25.7	68.5	85.4	80.5	70.2	39	98.9	73.5	93.2	96.4	68.2	87.2	81	86.5	77.8	71.8	96.5	85.6
pH, field	s.u.	7.96	9.32	6.91	7.97	8.15	8.13	7.53	8.21	7.34	7.93	8.44	8.38	8.49	7.16	7.97	8.49	8.57	8.07	8.24	8.14	8.1	8.16	8.15	8.14	8.23	8.52
Temperature, field	Deg C	20.1	33.7	27.3	23.5	27.6	30.5	20.8	26.7	26.8	23.77	29.3	27	25.4	26.24	27.6	19.7	31.3	25.8	25.5	32.7	24	25.6	31	25.1	27.63	31.13
Turbidity, field	NTU	5.42	86.9	2.99	3.05	3.94	3.63	4.2	2.2	2.79	1.31	3.49	2.76	4.13	1.77	2.7	2.17	2.11	1.32	2.45	9.6	2.02	3.29	0.58	0.02	5.62	3.35
Wet Parameters	**Units**																										
Ammonia-N	mg/L	0.027 I	0.008 U	0.008 U	0.009 I	U	0.023 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.009 I	0.008 U	0.035	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.022 I	0.015 I	0.010 I	0.023 I
TAN criteria calculation	mg/L	0.8173222	0.0425304	1.2163295	0.6472483	0.3796676	0.3249014	1.2885734	0.3658105	1.0182311	0.6725734	0.2113512	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS
Total nitrogen	mg/L	1.06	3.73	0.65	0.634	0.658	0.626	0.954	0.598	0.635	0.451	0.51	0.216	0.526	0.546	0.565	0.607	0.982	0.71	0.57	0.659	0.689	0.539	0.346	0.624	0.275	0.751
Nitrite/Nitrate	mg/L	U	0.008 I	0.008 I	0.004 U	0.013 I	0.005 I	0.006 I	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.173	0.016 I	0.012 I	0.015 I	0.018 I	0.013 I	0.013 I	0.010 I	0.006 U	0.008 I
Ortho phosphorus (Field Filtered)	mg/L	0.012	0.018	0.029	0.031	0.016	0.02	0.025	0.014	0.06	0.043	0.048	0.0199	0.03	0.017	0.012	0.009	0.017	0.013	0.024	0.017	0.009	0.003 I	0.004 I	0.011	0.002 U	0.011 I
Total phosphorus	mg/L	0.033	0.09	0.039	0.048	0.024 I	0.008 U	0.019 I	0.018 I	0.066	0.069	0.064	0.012 I	0.046	0.021 I	0.017 I	0.022 I	0.020 I	0.013 I	0.025 I	0.024 I	0.016 I	0.011 I	0.009 I	0.031 I	0.008 U	0.022 I
Chlorophyll	mg/m3	10.4	249	10.1	4.83	7.85	10.6	8.15	4.6	7.88	3.79	5.1	5.52	4	7.06	7.99	4.09	9.16	15.4	6.22	7.66	7.78	3.37	6.32	7.55	1.59	6.12
Total suspended solids (TSS)	mg/L	7.2	95	3.8	4	3.6	6	4.33	2.6	2.4	1.50 I	4.8	2.4	4.2	2.00 I	3	1.75 I	1.67 I	5	3.27	2.08 I	1.60 I	0.570 U	3.6	2.8	2.8	0.800 I
Biochemical oxygen demand (total BOD5)	mg/L	1.11 I	10.6	1.39 I	1 U	1.12 I	1.66 I	1.19 I	2.32 I	1.27 I	1 U	1 U	1 U	1.30 I	1.32 I	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Sample Location/Sample ID:		WQ Location #3B / WQL3B								WQ Location #6																	
Sample Date:		**01/31/17**	**05/04/17**	**08/02/17**	**12/06/17**	**04/26/18**	**08/22/18**	**12/11/18**	**04/16/19**	**10/24/19**	**02/17/20**	**06/03/20**	**10/21/20**	**03/03/21**	**08/05/21**	**10/26/21**	**02/17/22**	**08/22/22**	**11/28/22**	**03/27/23**	**08/07/23**	**11/21/23**	**04/02/24**	**08/27/24**	**11/21/24**	**04/22/25**	**08/26/25**
Field Parameters	**Units**																										
Sample Depth	Feet	2.5	1.5	3	3	NS	3	3	3	3	3	3	1.5	3	3	3	1.5	1.5	1.5	1.5	1.5	1	1.5	1.5	1.5	1.5	1.5
Conductivity, field	umhos/cm	313.1	406	384.1	338.6	NS	354.5	322.4	391.3	340.8	362	688	290	295	365	305	319	294	324	346.1	318.4	300.8	355.4	297.7	322.7	324	292
Dissolved oxygen (DO), field	mg/L	6.58	8.46	5.59	5.87	NS	7.39	6.32	5.7	5.63	8.44	6.49	6.66	7.43	6.82	8.25	8.4	7.52	7.88	7.79	7.05	7.52	7.28	6.85	6.12	7.68	6.8
Dissolved oxygen (DO), field	%	67.9	109.3	74	68.8	NS	98.8	70.6	71.2	72.4	99.2	85.7	83.4	90.4	90.3	85.4	90.8	99.8	96.1	94.4	99.3	90	89.1	92.5	73.7	97.5	91.6
pH, field	s.u.	7.77	8.12	8.1	8	NS	8.18	8.08	8.22	8.16	8.5	8.51	8.63	8.74	7.59	8.25	8.48	8.76	8.12	8.26	8.52	8.28	8.27	8.07	8.27	8.46	8.6
Temperature, field	Deg C	16.9	28.6	30	23.3	NS	30.6	20.8	26.7	28.3	23.28	29.4	29.3	25.2	30.07	27.6	19.6	31.4	25.5	25.1	32.4	24.1	25.6	30.9	24.5	26.93	30.96
Turbidity, field	NTU	21.38	3.93	4.15	2.84	NS	26.26	7.1	2.17	4.85	1.48	2.83	2.13	1.75	2.19	1.79	2.79	2.89	1.38	2.5	10.1	2.36	2.17	1.63	0.77	4.38	2.67
Wet Parameters	**Units**																										
Ammonia-N	mg/L	0.097	0.008 U	0.008 U	0.028 I	NS	0.015 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.009 I	0.008 U	0.012 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.026 I	0.018 I	0.008 U	0.027 I
Total kjeldahl nitrogen (TKN)	mg/L	2.9	0.462	0.715	0.731	NS	0.757	0.722	0.683	0.612	0.414	0.49	0.05 U	0.559	0.448	0.496	0.782	0.539	0.656	0.658	0.618	0.652	0.692	0.591	0.768	0.378	0.439
Total nitrogen	mg/L	2.9	0.472	0.715	0.731	NS	0.763	0.727	0.683	0.612	0.414	0.49	0.05 U	0.559	0.448	0.496	0.782	0.539	0.678	0.67	0.629	0.672	0.705	0.605	0.776	0.378	0.448
Nitrite/Nitrate	mg/L	U	0.010 I	0.004 U	0.004 U	NS	0.006 I	0.006 I	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.022 I	0.012 I	0.011 I	0.020 I	0.013 I	0.014 I	0.008 I	0.006 U	0.009 I
Ortho phosphorus (Field Filtered)	mg/L	0.012	0.029	0.226	0.272	NS	0.02	0.022	0.027	0.063	0.032	0.059	0.0155	0.026	0.002 I	0.014	0.01	0.014	0.002 U	0.015	0.023	0.025	0.002 U	0.007 I	0.003 I	0.003 I	0.003 I
Total phosphorus	mg/L	0.168	0.054	1.08	0.501	NS	0.013 I	0.033	0.029 I	0.067	0.035	0.064	0.016 I	0.055	0.023 I	0.038	0.020 I	0.015 I	0.008 U	0.023 I	0.029 I	0.031 I	0.010 I	0.008 U	0.008 I	0.008 U	0.008 I
Chlorophyll	mg/m3	64.5	5.44	9.14	3.94	NS	10.8	7.61	5.38	8.86	3.18	4.95	4.8	2.48	7.62	6.69	4.19	8.55	8.09	5.68	7.62	5.67	2.78	4.89	8.42	1.74	4.73
Total suspended solids (TSS)	mg/L	44.7	4.2	4.8	3.2	NS	26	3.33	6.2	2.6	1.25 I	3.2	2.6	1.80 I	1.20 I	3	1.25 I	2.4	4.6	2.63	2.31	3.6	0.800 I	3.6	3.6	2.8	2.00 I
Biochemical oxygen demand (total BOD5)	mg/L	6.47	1 U	1.45 I	1 U	NS	2.01 I	1 U	1.16 I	1.04 I	1 U	1 U	1.39 I	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Miromar Lakes, Fort Myers, Florida
August 2025

Sample Location/Sample ID:		WQ Location #4 / WQL4																										
Sample Date:		**01/31/17**	**05/04/17**	**08/02/17**	**12/06/17**	**04/26/18**	**08/22/18**	**12/11/18**	**04/16/19**	**10/24/19**	**02/17/20**	**06/03/20**	**10/21/20**	**03/03/21**	**08/05/21**	**10/26/21**	**02/17/22**	**08/22/22**	**11/28/22**	**03/27/23**	**08/07/23**	**11/21/23**	**04/02/24**	**08/27/24**	**11/21/24**	**04/22/25**	**08/26/25**
Field Parameters	**Units**																										
Sample Depth	Feet	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	NM	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Conductivity, field	umhos/cm	361.8	405	404.8	342	399.7	342	310.3	382.1	337	363	682	286	291	349	302	318	293	317	342.1	312.1	298	353.7	297.2	315.9	323	291
Dissolved oxygen (DO), field	mg/L	8.06	8.33	5.02	5.73	7.13	6.96	7.84	7.28	6.42	8.45	6.42	1.41	7.75	7.31	6.69	8.22	7.06	7.96	8.19	6.91	7.94	7.25	6.48	6.25	7.51	6.93
Dissolved oxygen (DO), field	%	88.3	106.6	66.8	68.2	89.2	92.9	87.8	90.2	82.8	99.4	83.4	17	93.5	94.2	89.1	90.6	97.8	94.8	98.6	94.5	95.2	88	87	74.2	95.7	93.3
pH, field	s.u.	8.1	7.65	8.16	8.08	8.39	8.34	7.99	7.97	8.38	8.58	8.57	8.66	8.8	6.62	8.21	8.26	8.76	7.94	8.42	8.55	8.39	8.36	8.07	8.34	8.48	8.61
Temperature, field	Deg C	19.8	28.1	30.3	24.1	26.8	30.5	20.9	26.3	28.5	23.49	29.9	27.5	24.8	29.95	27.6	19.7	31.9	24	24.2	32.2	24.4	25	31	24.4	27.06	30.85
Turbidity, field	NTU	3.02	3.11	1.81	2.48	3.38	3.56	4.1	2.72	2.58	1.04	2.48	1.85	2.28	1.76	3.19	3.14	2.07	0.98	3.95	12.1	1.3	1.72	1.4	3.23	4.38	2.91
Wet Parameters	**Units**																										
Ammonia-N	mg/L	0.012 I	0.008 U	0.008 U	0.026 I	0.008 U	0.014 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.025 I	0.008 U	0.008 U	0.071	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.023 I	0.011 I	0.010 I	0.025 I
Total kjeldahl nitrogen (TKN)	mg/L	0.976	0.518	0.57	0.612	0.61	0.64	0.885	0.615	0.126 I	0.371	0.633	0.05 U	0.538	0.469	0.555	0.43	0.784	0.579	0.743	0.752	0.728	0.454	0.413	0.417	0.274	0.403
Total nitrogen	mg/L	0.976	0.524	0.57	0.612	0.623	0.645	0.885	0.615	0.126	0.371	0.633	0.05 U	0.538	0.469	0.555	0.446	0.969	0.596	0.764	0.768	0.748	0.468	0.422	0.424	0.274	0.412
Nitrite/Nitrate	mg/L	U	0.006 I	0.004 U	0.004 U	0.013 I	0.005 I	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.016 I	0.185	0.017 I	0.021 I	0.016 I	0.020 I	0.014 I	0.009 I	0.007 I	0.006 U	0.009 I
Ortho phosphorus (Field Filtered)	mg/L	0.017	0.03	0.044	0.027	0.019	0.017	0.022	0.026	0.065	0.037	0.042	0.018	0.021	0.012	0.016	0.01	0.016	0.002 I	0.02	0.023	0.007 I	0.006 I	0.004 I	0.006 I	0.002 I	0.005 I
Total phosphorus	mg/L	0.038	0.048	0.067	0.038	0.030 I	0.044	0.043	0.038	0.07	0.064	0.064	0.014 I	0.043	0.032	0.043	0.020 I	0.017 I	0.018 I	0.035	0.036	0.031 I	0.010 I	0.008 U	0.008 U	0.008 U	0.008 U
Chlorophyll	mg/m3	9.09	3.94	9.31	4.62	8.66	10.5	8.43	3.43	7.38	2.75	3.78	5.05	1.74	5.39	7.27	3.82	14.2	6.85	5.24	7.8	4.91	2.07	4.75	8.45	2.03	5.63
Total suspended solids (TSS)	mg/L	5.2	3.26	2.6	1.60 I	2.00 I	5.5	2.33	3.4	3.2	1.25 I	3.4	1.80 I	0.570 U	3.6	2.00 I	1.25 I	0.570 U	5.4	2.55	3.8	2.4	1.60 I	1.60 I	4	3.6	2.00 I
Biochemical oxygen demand (total BOD5)	mg/L	1.09 I	1 U	1 U	1 U	1.16 I	1.47 I	1 U	1 U	1.07 I	1 U	1 U	1.51 I	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.29 I

Sample Location/Sample ID:		WQ Location #5 / WQL5																										
Sample Date:		**01/31/17**	**05/04/17**	**08/02/17**	**12/06/17**	**04/26/18**	**08/22/18**	**12/11/18**	**04/16/19**	**10/24/19**	**02/17/20**	**06/03/20**	**10/21/20**	**03/03/21**	**08/05/21**	**10/26/21**	**02/17/22**	**08/22/22**	**11/28/22**	**03/27/23**	**08/07/23**	**11/21/23**	**04/02/24**	**08/27/24**	**11/21/24**	**04/22/25**	**08/26/25**
Field Parameters	**Units**																										
Sample Depth	Feet	0.5	1.5	1.5	1.5	S	1.5	0.5	0.75	1	1	<1	1.5	1.5	1.5	1.5	0.5	1.5	1.5	1.5	NS	1.5	NS	2.5	2.5	1	1.5
Conductivity, field	umhos/cm	462	464	478.4	447.9	464.1	405.1	427.2	475.8	465	480	802	373	409	82.9	423	438	397.6	429	475.8	NS	390.8	NS	386.7	417.9	467	377
Dissolved oxygen (DO), field	mg/L	6.88	8.5	8.03	4.21	5.47	6.09	4.21	5	3.2	7.6	5.18	7.65	3.05	6.07	4.69	8.4	6.31	7.13	6.56	NS	6.67	NS	3.4	6.25	7.41	5.46
Dissolved oxygen (DO), field	%	72.2	111.1	109.1	49.6	68.2	81.2	46.1	61	41.3	89.3	69	96.5	37.5	80.6	60.1	53.4	85.1	87.4	81.8	NS	81.3	NS	45.7	74.2	92.4	74.4
pH, field	s.u.	7.65	7.77	8.1	7.58	7.61	7.8	6.38	6.44	7.99	8.35	8.28	8.18	8.04	8.12	8.01	8.15	8.41	8.4	8.17	NS	8.42	NS	6.77	7.65	7.33	8.53
Temperature, field	Deg C	17.7	29.3	31.5	23.6	26.6	30.4	19.8	25.4	28.4	23.42	30.3	27.4	25.3	30.19	27.9	20.6	32.2	25.7	26.3	NS	25.5	NS	30.7	23.8	26.75	31.92
Turbidity, field	NTU	3.6	5.77	4.65	1.99	4.93	3.4	4.18	4.98	4.71	2.45	5.74	2.96	2.27	4.05	17.12	2.1	2.3	1.22	2.88	NS	6.24	NS	4.87	4.43	12.7	5.96
Wet Parameters	**Units**																										
Ammonia-N	mg/L	0.008 I	0.008 U	0.008 U	0.034	0.008 U	0.010 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.023 I	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	NS	0.008 U	NS	0.027 I	0.016 I	0.030 I	0.026 I
Total kjeldahl nitrogen (TKN)	mg/L	0.962	0.754	0.756	0.838	1.11	0.857	0.944	0.902	0.807	0.688	1.08	0.137 I	0.755	0.72	0.668	0.925	0.883	0.717	0.982	NS	0.97	NS	0.333	0.645	0.567	0.507
Total nitrogen	mg/L	0.962	0.762	0.76	0.854	1.13	0.863	0.957	0.902	0.807	0.688	1.08	0.137	0.755	0.72	0.668	0.925	1.06	0.737	1.01	NS	0.989	NS	0.343	0.655	0.577	0.518
Nitrite/Nitrate	mg/L	U	0.008 I	0.004 I	0.016	0.016	0.006 I	0.013 I	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.177	0.020 I	0.029	NS	0.019 I	NS	0.010 I	0.010 I	0.010 I	0.011 I
Ortho phosphorus (Field Filtered)	mg/L	0.017	0.027	0.019	0.022	0.016	0.015	0.019	0.023	0.05	0.038	0.055	0.075	0.029	0.014	0.008	0.01	0.016	0.011	0.026	NS	0.018	NS	0.008	0.018	0.013	0.010 I
Total phosphorus	mg/L	0.036	0.035	0.067	0.046	0.027 I	0.025 I	0.024 I	0.028 I	0.081	0.049	0.102	0.084	0.067	0.035	0.027 I	0.034	0.024 I	0.017 I	0.030 I	NS	0.022 I	NS	0.017 I	0.018 I	0.025 I	0.018 I
Chlorophyll	mg/m3	13.9	16	25	17.3	27.6	19.8	15.4	23.4	15.7	12.6	30.4	22.7	4.93	22.9	16.5	5.08	21.7	10	19.5	NS	14.8	NS	10.3	18.2	14.9	10.5
Total suspended solids (TSS)	mg/L	5	8.11	11	0.570 U	6.2	4	3	7.6	2.4	3.25	9	4.2	3	5.4	2.33	1.50 I	2.00 I	5.4	3	NS	6.4	NS	3.6	4.8	22.8	4
Biochemical oxygen demand (total BOD5)	mg/L	1.36 I	2.41 I	2.14 I	1.64 I	3.38 I	1.15 I	1.38 I	3.39 I	1.54 I	1.32 I	3.01 I	1.73 I	1 U	1.55 I	1 U	1.32 I	1.22	1.02 I	1.56 I	NS	1 U	NS	1 U	1 U	2.26 I	1 U

Notes:

S - Sample collected from edge of lake

U - Not detected at the associated reporting limit

* - DO values at or above 100% are possible super-saturation conditions due to high water temperatures and/or high volume of algae.

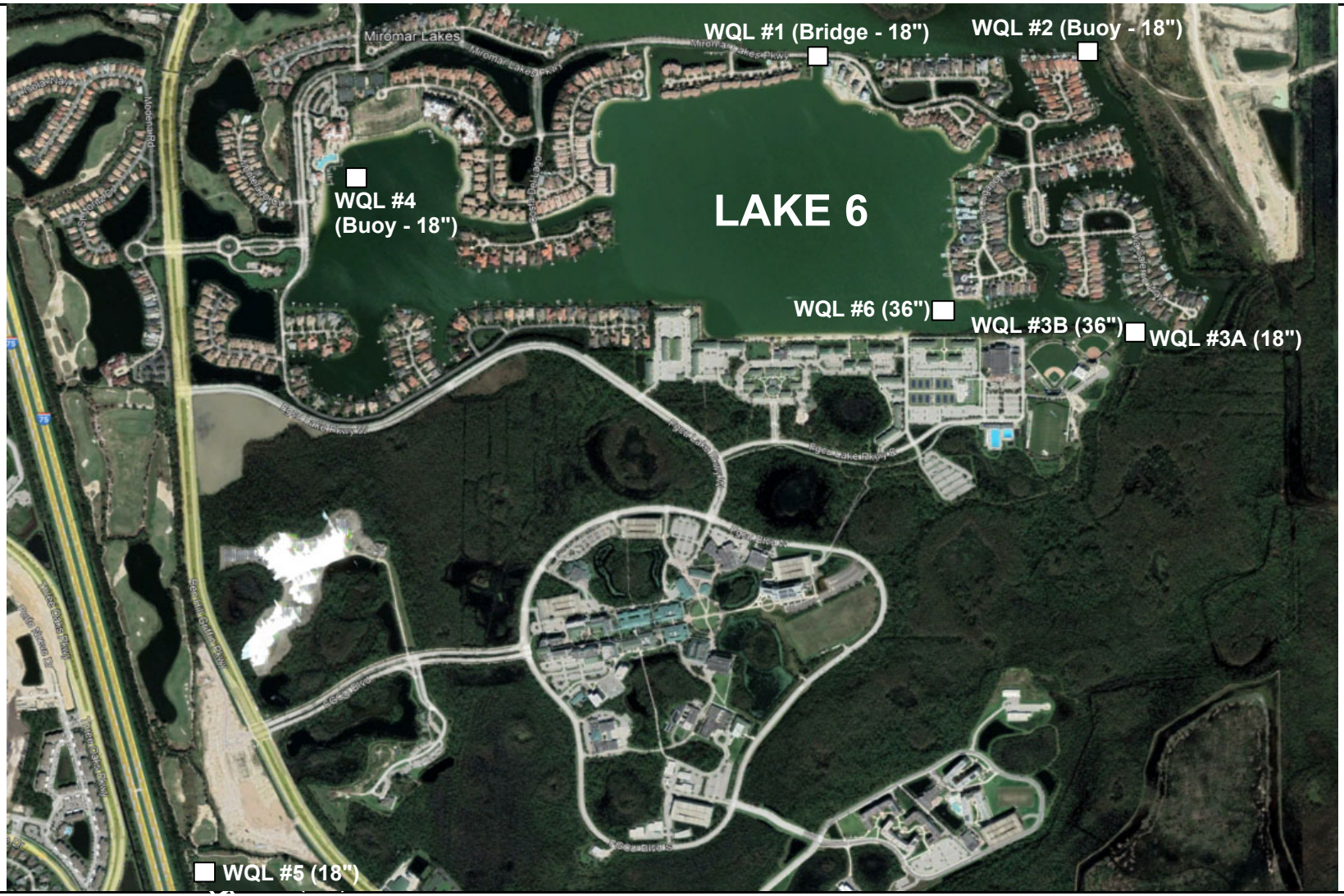
NM - Not Measured (the total water depth is often not measured due to strong water currents within the lakes)

NS - Not sampled during noted event

I - Reported value is between method detection limit and the practical quantitation limit

Attachment 2

Figure 1



Tri-Annual Water Quality Sampling Report
Lakes 3 and 6 - Miromar Lakes
Fort Myers, Lee County, Florida

11225022-08

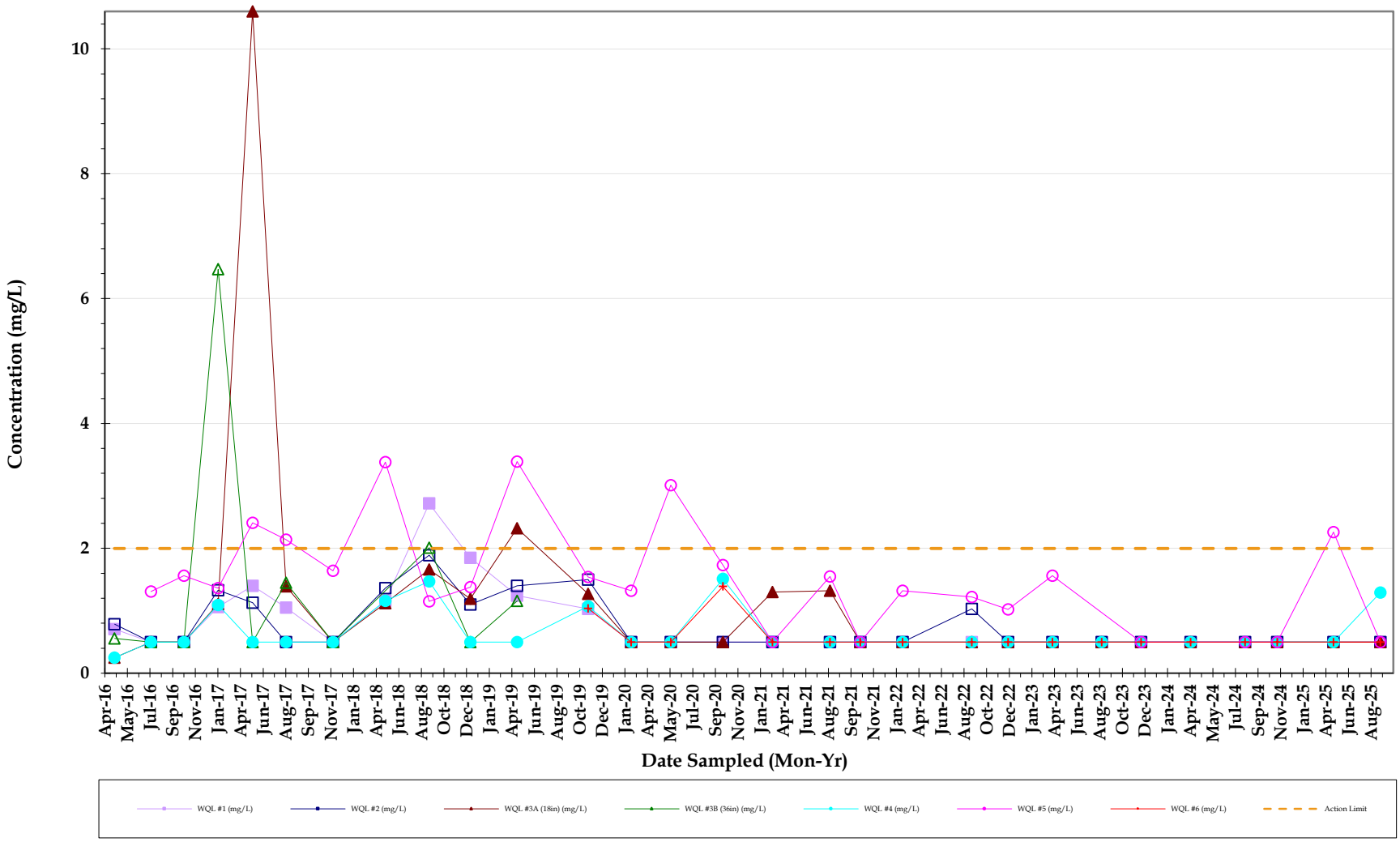
March 2023

Sampling Location Map

Figure 1

Attachment 3

Trend Graphs

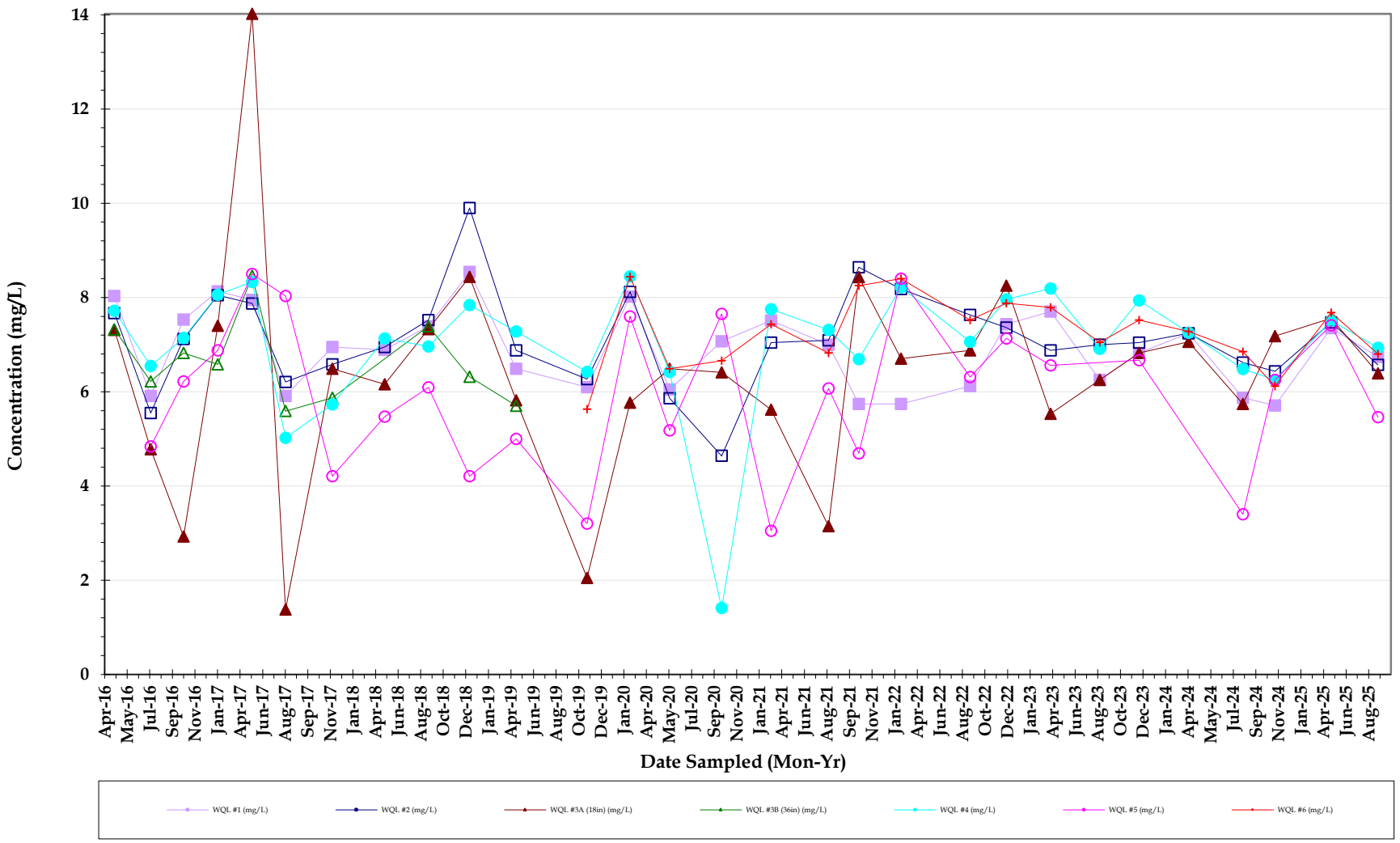


Biochemical Oxygen Demand

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

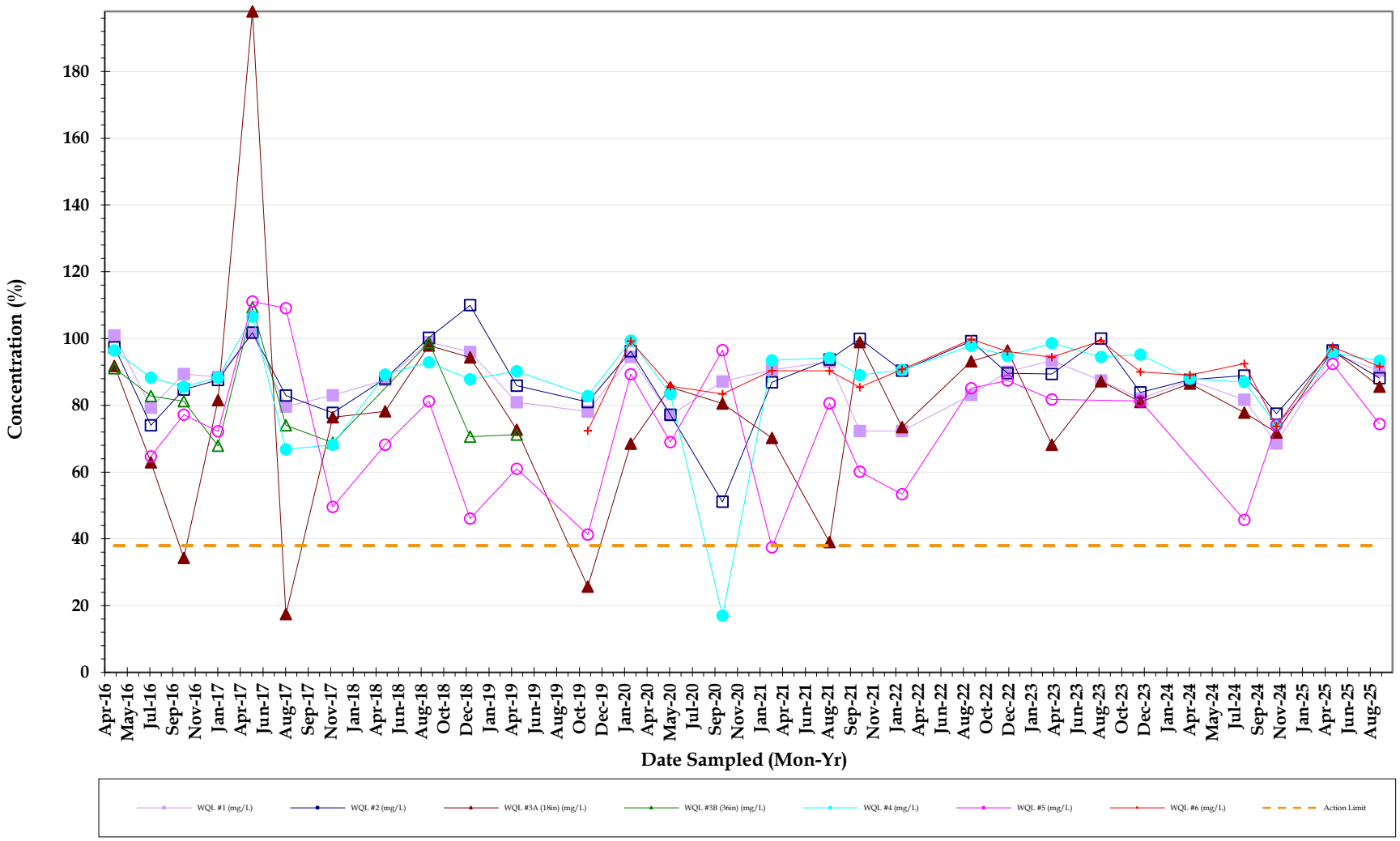


Dissolved Oxygen (mg/L)

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

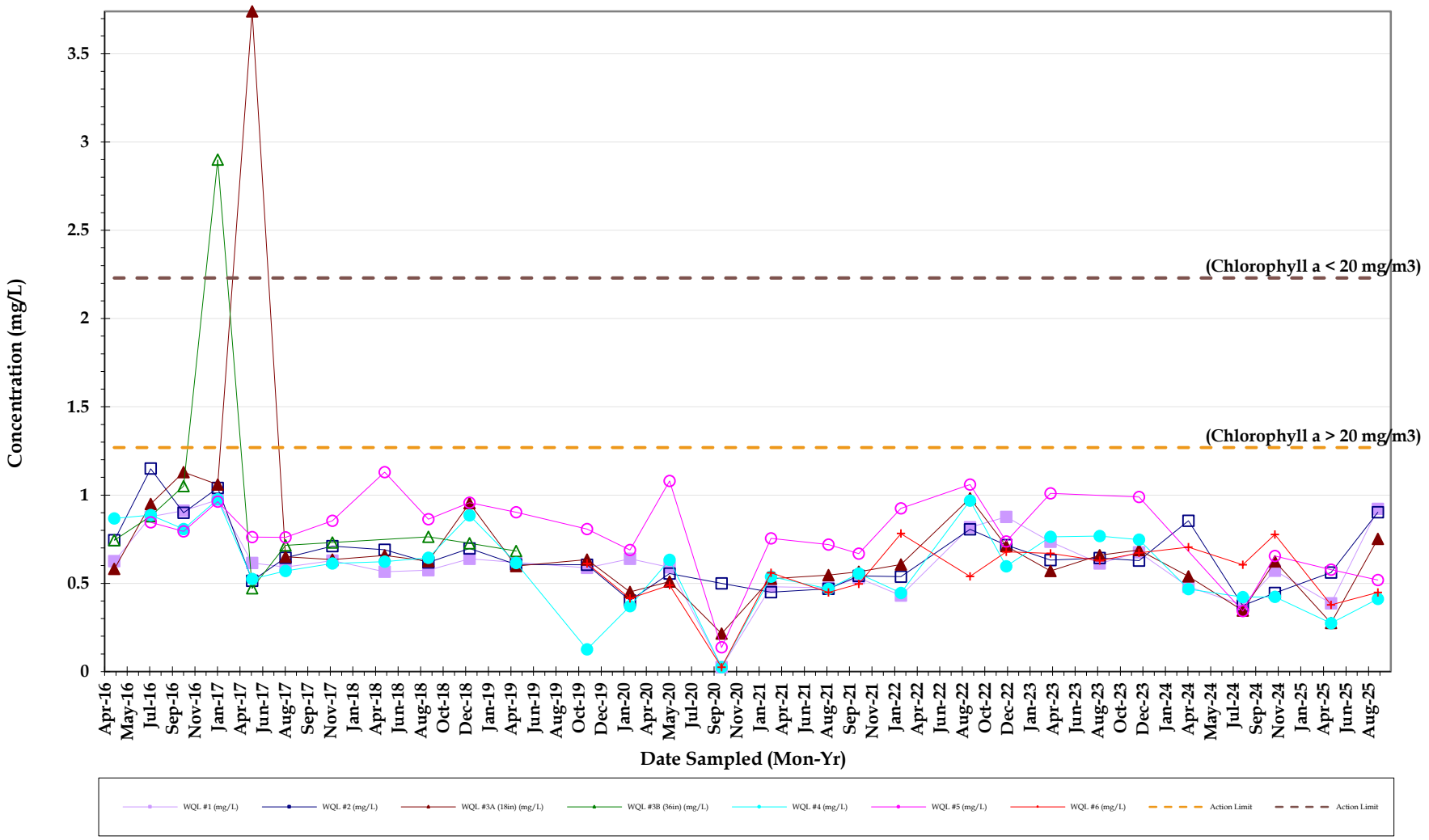


Dissolved Oxygen (%)

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

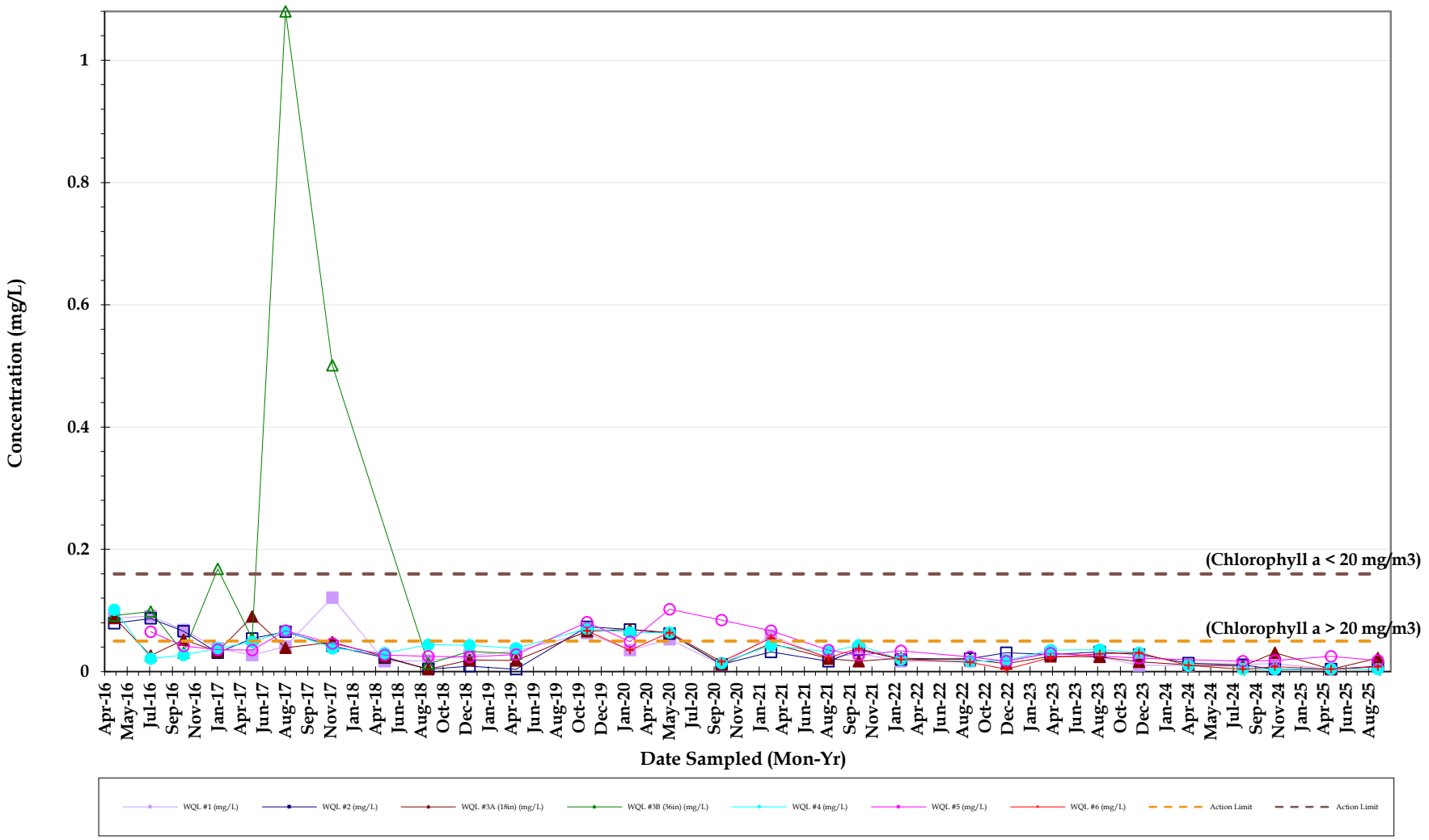


Total Nitrogen

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

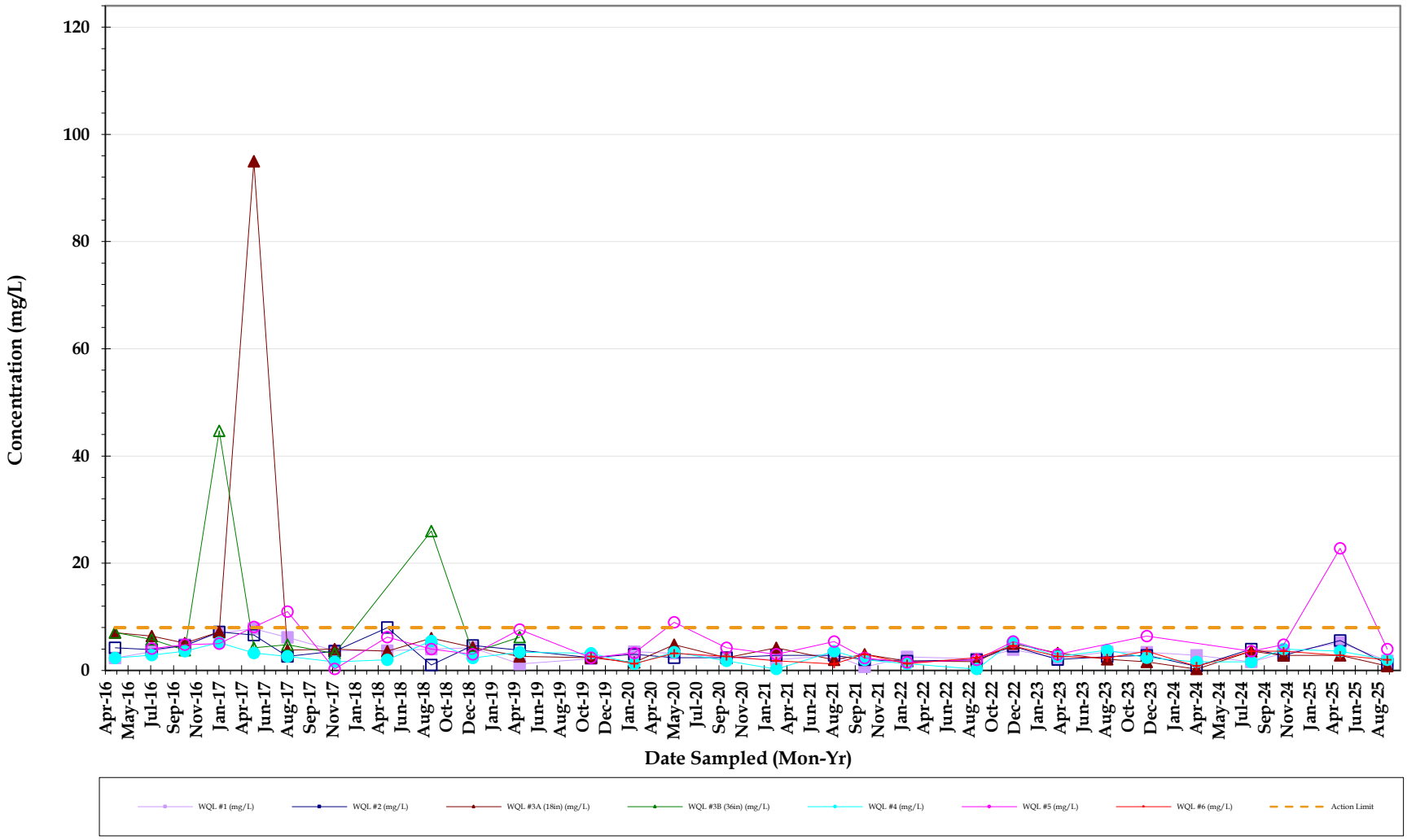


Total Phosphorus

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

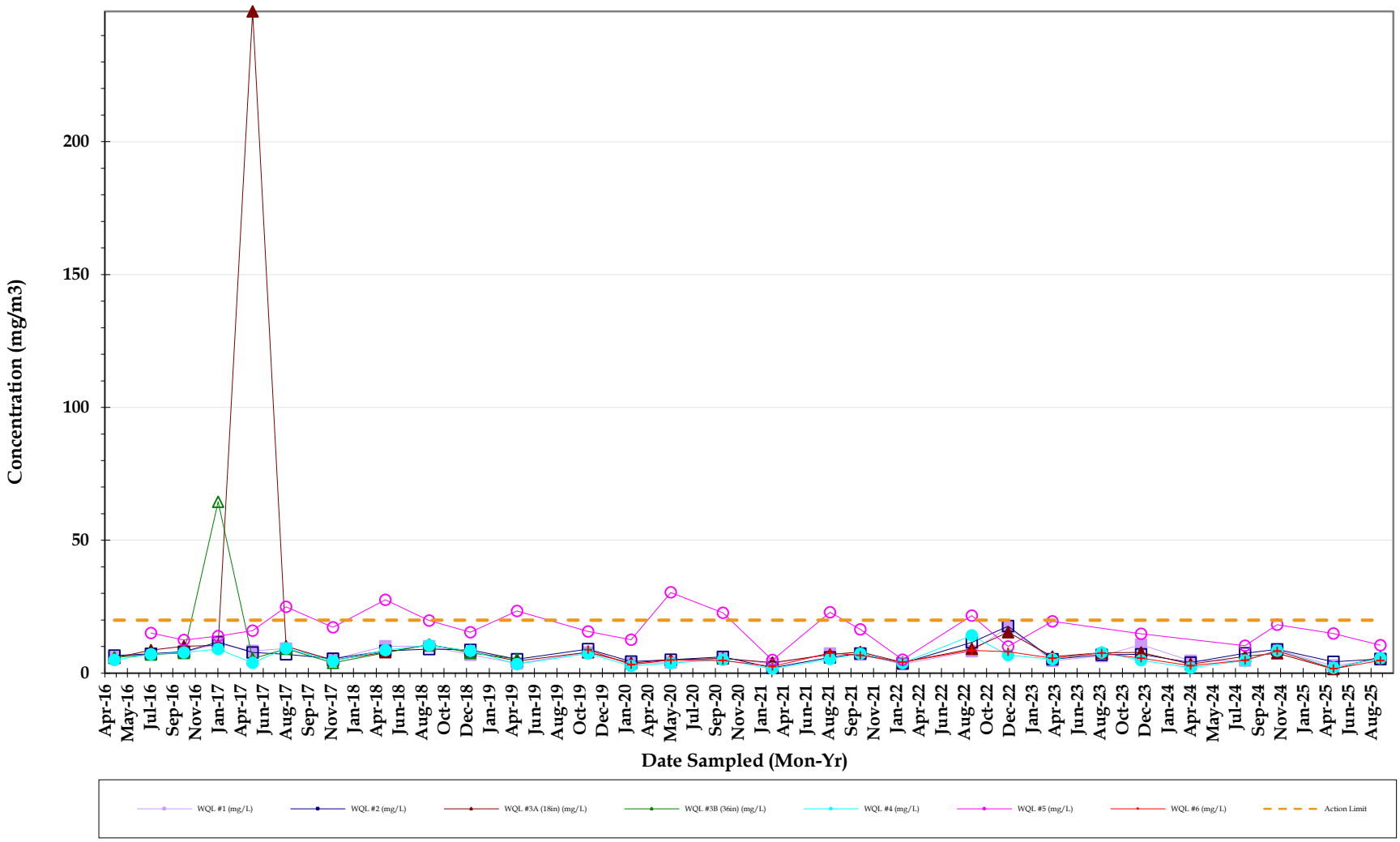


Total Suspended Solids

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

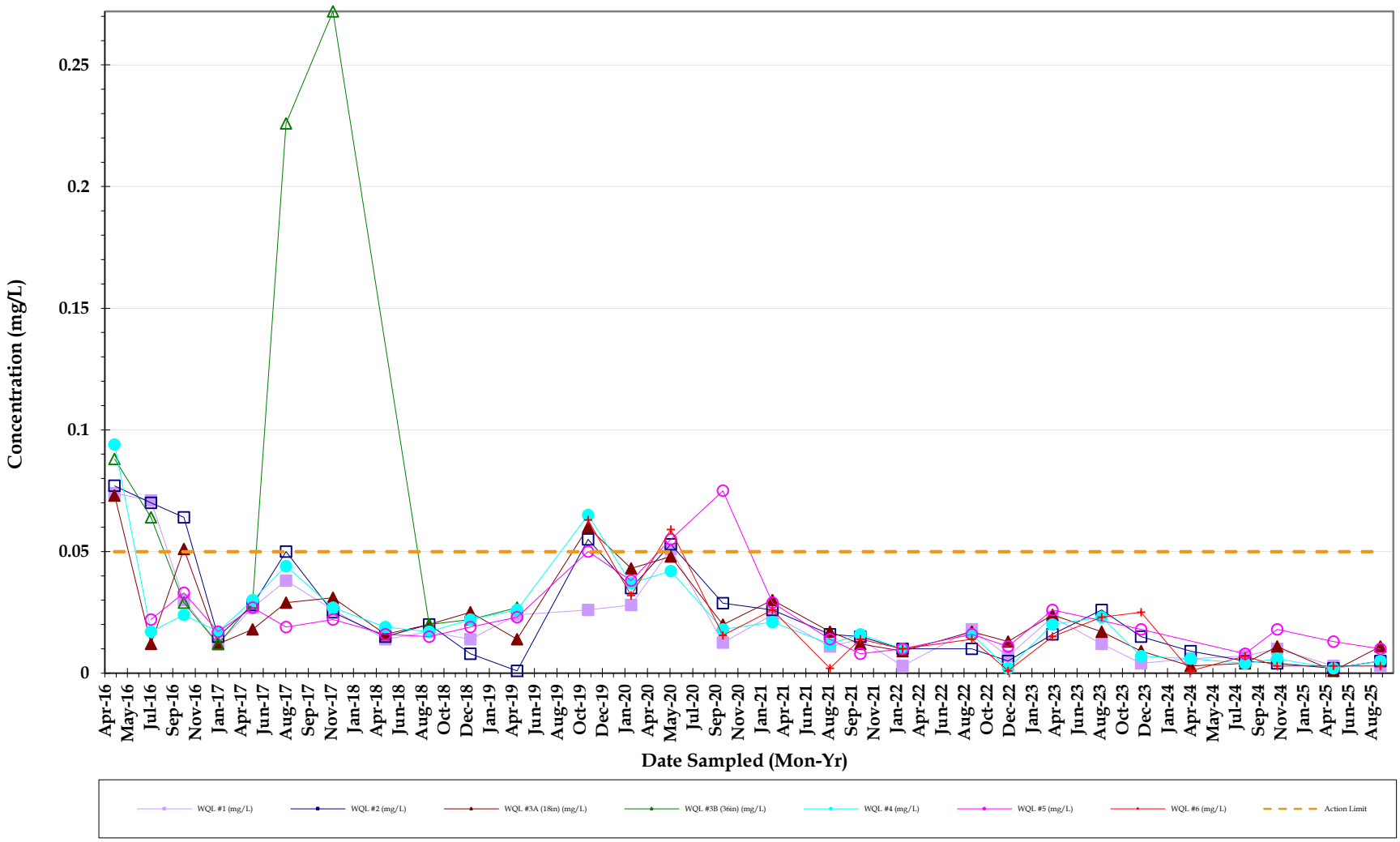


Chlorophyll *a*

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

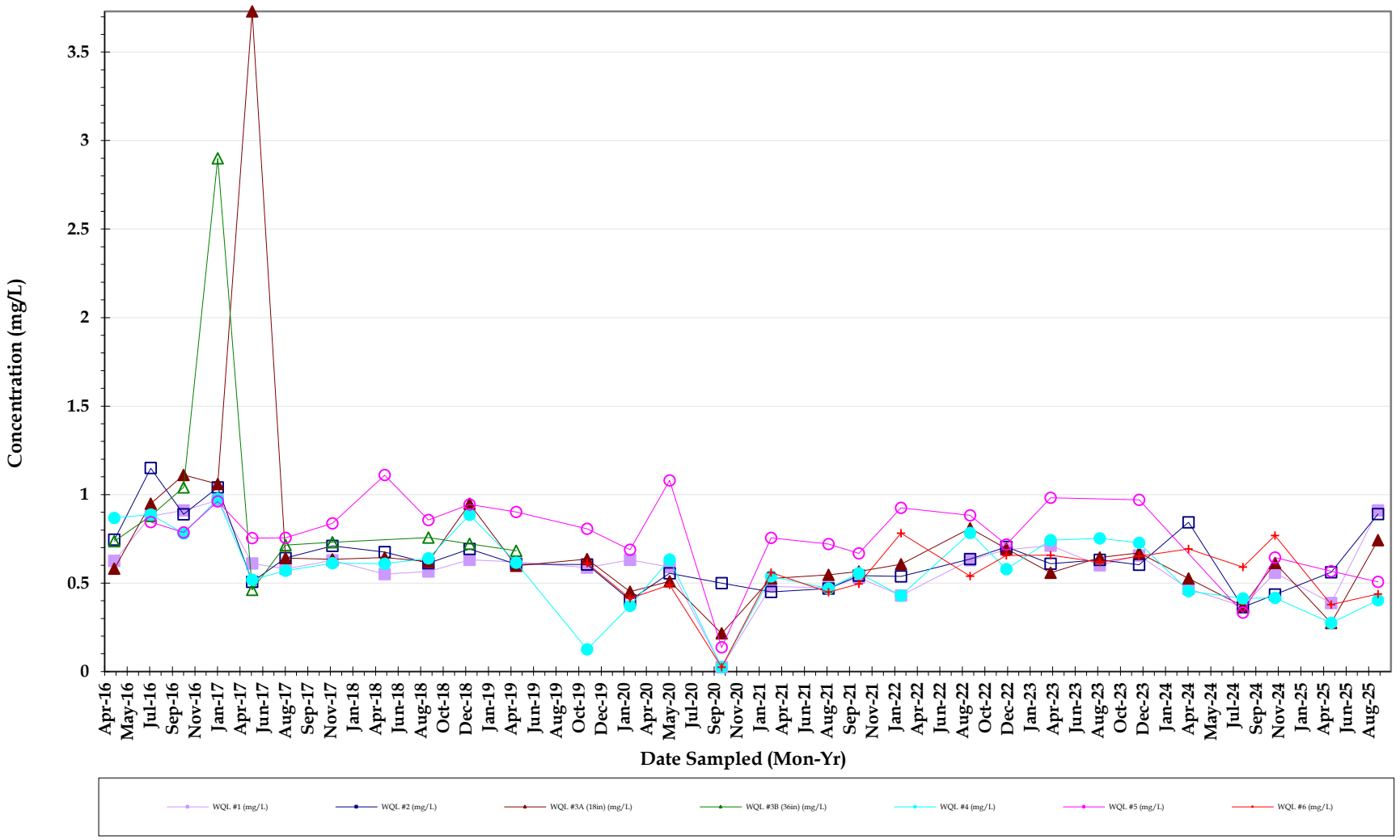


Orthophosphate

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

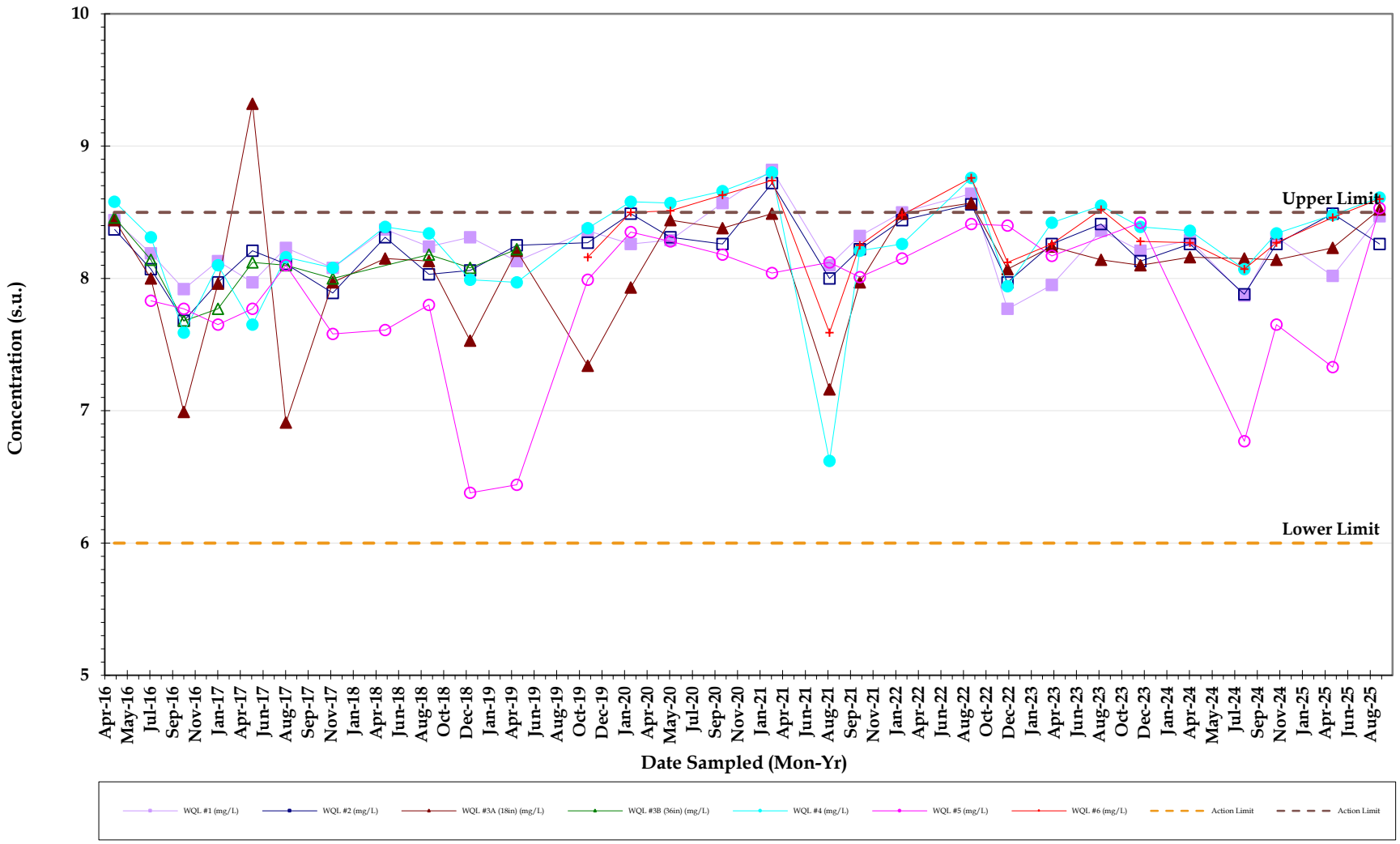


Total kjeldahl nitrogen (TKN)

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

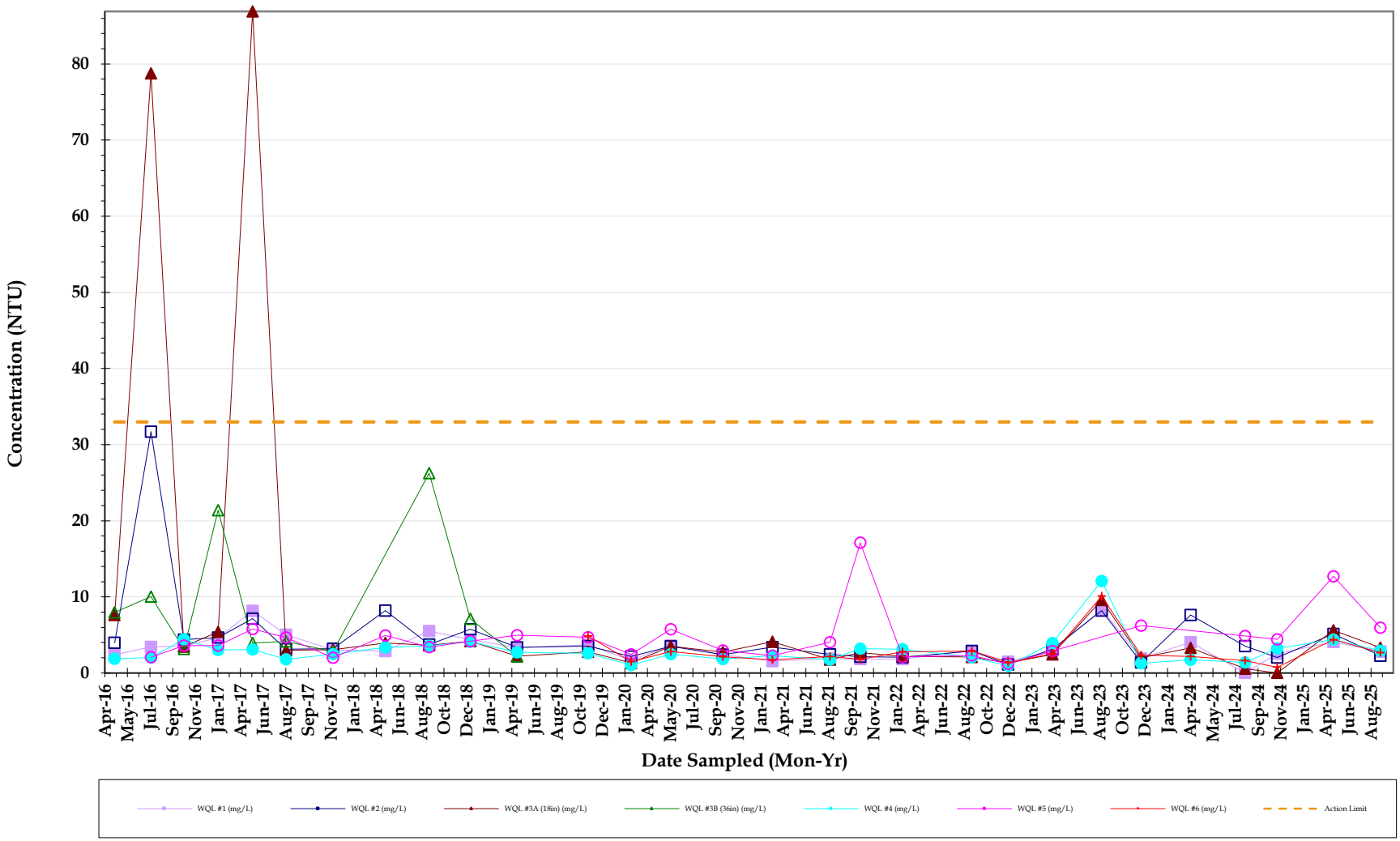


pH, Field

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

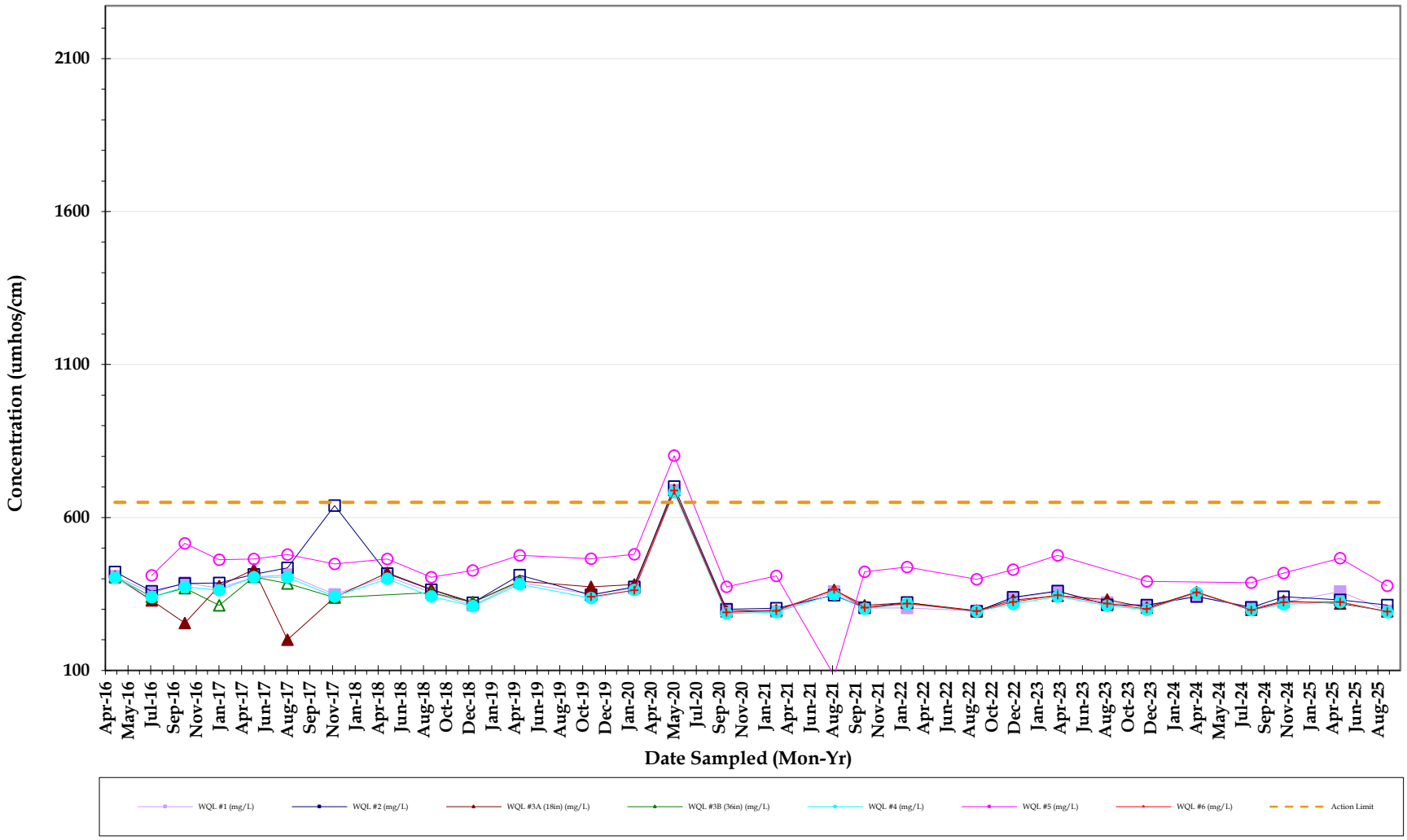


Turbidity

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

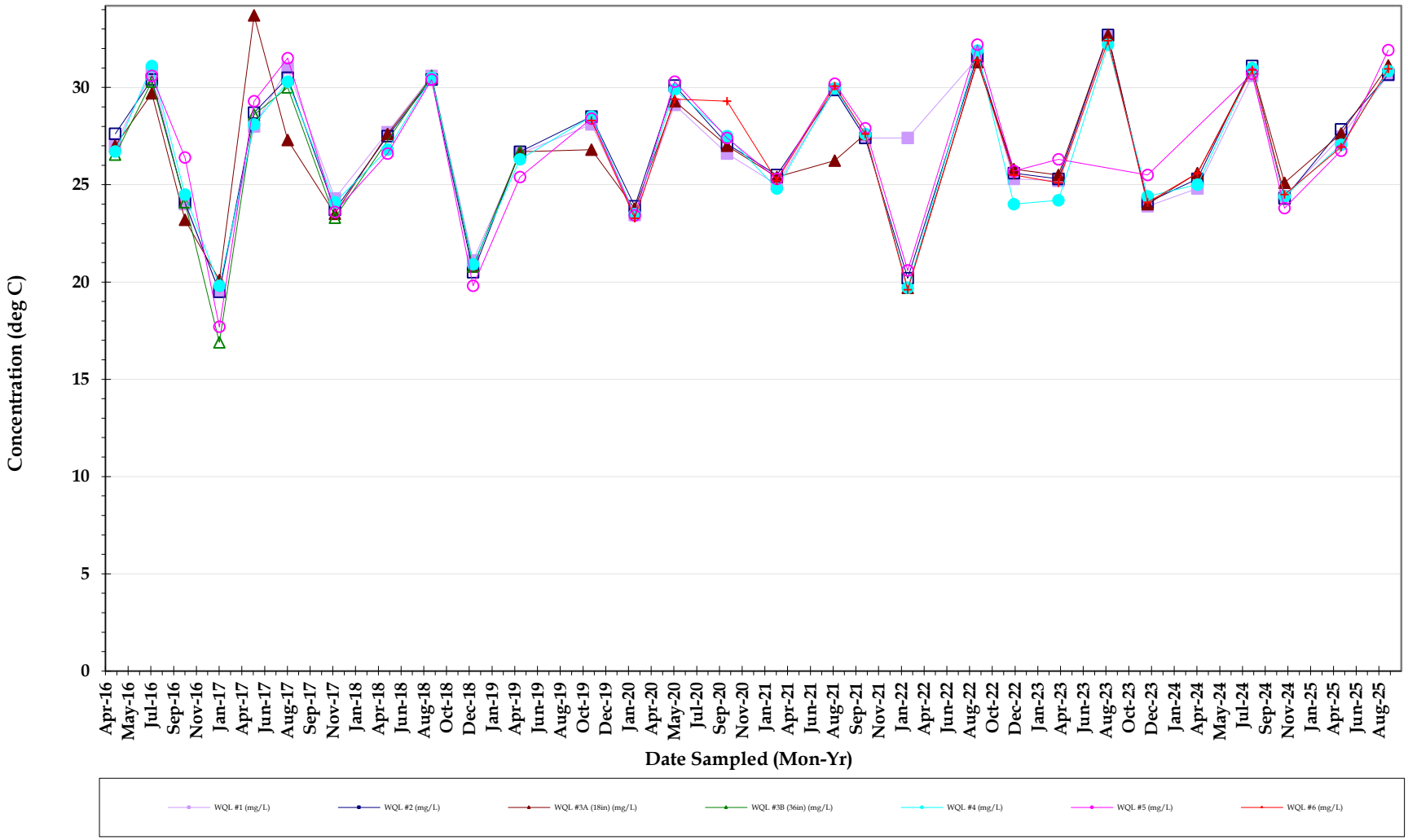


Conductivity

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025



Temperature, sample

Miromar Lakes

Water Quality Surface Water Sample results

AUGUST 2025

Attachment 4

Laboratory Analytical Report

FDOH Certification #E84167

BENCHMARK EnviroAnalytical, Inc.

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 25081629

G H D Services, Inc.
2675 Winkler Ave., Ste.180
Fort Myers, FL 33901

Project Name : MIROMAR LAKES SW SAMPLING
Date Received : 08/27/2025
Time Received : 14:26
Project #: 11225022-00

Submission Number: 25081629
Sample Number: 001
Sample Description: WQL 1
Sample Date: 08/26/2025
Sample Time: 10:10
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.026 I	MG/L	0.008	0.032	350.1	08/28/2025 19:43	LM
TOTAL KJELDAHL NITROGEN	0.910	MG/L	0.05	0.20	351.2	09/04/2025 15:39	JS
ORTHO PHOSPHORUS AS P	0.003 I	MG/L	0.003	0.012	365.3	08/27/2025 17:42	LM
TOTAL PHOSPHORUS AS P	0.008 I	MG/L	0.008	0.032	365.3	08/28/2025 15:11	LM
CHLOROPHYLL A	5.15	MG/M3	0.25	1.00	445.0	08/28/2025 15:00	KG
TOTAL SUSPENDED SOLIDS	1.80 I	MG/L	0.570	2.280	SM2540D	09/02/2025 10:09	IR
BIOCHEMICAL OXYGEN DEMAND	1 UJ3G2	MG/L	1	4	SM5210B	08/27/2025 19:53	LD/LC
NITRATE+NITRITE AS N	0.011 I	MG/L	0.006	0.024	SYSTEA EASY	08/29/2025 12:25	SN
TOTAL NITROGEN	0.921	MG/L	0.05	0.20	SYSTEA+351	09/04/2025 15:39	JS/SN

Submission Number: 25081629
Sample Number: 002
Sample Description: WQL 2
Sample Date: 08/26/2025
Sample Time: 11:10
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.021 I	MG/L	0.008	0.032	350.1	08/28/2025 19:45	LM
TOTAL KJELDAHL NITROGEN	0.890	MG/L	0.05	0.20	351.2	09/04/2025 15:41	JS
ORTHO PHOSPHORUS AS P	0.005 I	MG/L	0.003	0.012	365.3	08/27/2025 17:43	LM
TOTAL PHOSPHORUS AS P	0.009 I	MG/L	0.008	0.032	365.3	08/28/2025 15:12	LM
CHLOROPHYLL A	5.34	MG/M3	0.25	1.00	445.0	08/28/2025 15:00	KG
TOTAL SUSPENDED SOLIDS	1.20 I	MG/L	0.570	2.280	SM2540D	09/02/2025 10:09	IR
BIOCHEMICAL OXYGEN DEMAND	1 UJ3G2	MG/L	1	4	SM5210B	08/27/2025 19:53	LD/LC
NITRATE+NITRITE AS N	0.012 I	MG/L	0.006	0.024	SYSTEA EASY	08/29/2025 12:26	SN
TOTAL NITROGEN	0.902	MG/L	0.05	0.20	SYSTEA+351	09/04/2025 15:41	JS/SN

Submission Number: 25081629
Sample Number: 003
Sample Description: WQL 3
Sample Date: 08/26/2025
Sample Time: 10:50
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.023 I	MG/L	0.008	0.032	350.1	08/28/2025 19:47	LM
TOTAL KJELDAHL NITROGEN	0.743	MG/L	0.05	0.20	351.2	09/04/2025 15:42	JS
ORTHO PHOSPHORUS AS P	0.011 I	MG/L	0.003	0.012	365.3	08/27/2025 17:47	LM
TOTAL PHOSPHORUS AS P	0.022 I	MG/L	0.008	0.032	365.3	09/04/2025 14:58	LM
CHLOROPHYLL A	6.12	MG/M3	0.25	1.00	445.0	08/28/2025 15:00	KG
TOTAL SUSPENDED SOLIDS	0.800 I	MG/L	0.570	2.280	SM2540D	09/02/2025 10:09	IR
BIOCHEMICAL OXYGEN DEMAND	1 UJ3G2	MG/L	1	4	SM5210B	08/27/2025 19:53	LD/LC
NITRATE+NITRITE AS N	0.008 I	MG/L	0.006	0.024	SYSTEA EASY	08/29/2025 12:27	SN
TOTAL NITROGEN	0.751	MG/L	0.05	0.20	SYSTEA+351	09/04/2025 15:42	JS/SN

Submission Number: 25081629
Sample Number: 004
Sample Description: WQL 4
Sample Date: 08/26/2025
Sample Time: 10:20
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.025 I	MG/L	0.008	0.032	350.1	08/28/2025 19:49	LM
TOTAL KJELDAHL NITROGEN	0.403	MG/L	0.05	0.20	351.2	09/04/2025 15:49	JS
ORTHO PHOSPHORUS AS P	0.005 I	MG/L	0.003	0.012	365.3	08/27/2025 17:49	LM
TOTAL PHOSPHORUS AS P	0.008 U	MG/L	0.008	0.032	365.3	08/28/2025 15:14	LM
CHLOROPHYLL A	5.63	MG/M3	0.25	1.00	445.0	08/28/2025 15:00	KG
TOTAL SUSPENDED SOLIDS	2.00 I	MG/L	0.570	2.280	SM2540D	09/02/2025 10:09	IR
BIOCHEMICAL OXYGEN DEMAND	1.29 I J3G2	MG/L	1	4	SM5210B	08/27/2025 19:53	LD/LC
NITRATE+NITRITE AS N	0.009 I	MG/L	0.006	0.024	SYSTEA EASY	08/29/2025 12:27	SN
TOTAL NITROGEN	0.412	MG/L	0.05	0.20	SYSTEA+351	09/04/2025 15:49	JS/SN

Submission Number: 25081629
Sample Number: 005
Sample Description: WQL 5
Sample Date: 08/26/2025
Sample Time: 12:45
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.026 I	MG/L	0.008	0.032	350.1	08/28/2025 19:51	LM
TOTAL KJELDAHL NITROGEN	0.507	MG/L	0.05	0.20	351.2	09/04/2025 15:51	JS
ORTHO PHOSPHORUS AS P	0.010 I	MG/L	0.003	0.012	365.3	08/27/2025 17:50	LM
TOTAL PHOSPHORUS AS P	0.018 I	MG/L	0.008	0.032	365.3	08/28/2025 15:14	LM
CHLOROPHYLL A	10.5	MG/M3	0.25	1.00	445.0	08/28/2025 15:00	KG
TOTAL SUSPENDED SOLIDS	4.00	MG/L	0.570	2.280	SM2540D	09/02/2025 10:09	IR
BIOCHEMICAL OXYGEN DEMAND	1 UJ3G2	MG/L	1	4	SM5210B	08/27/2025 19:53	LD/LC

NITRATE+NITRITE AS N	0.011 I	MG/L	0.006	0.024	SYSTEA EASY	08/29/2025 12:28	SN
TOTAL NITROGEN	0.518	MG/L	0.05	0.20	SYSTEA+351	09/04/2025 15:51	JS/SN

Submission Number: 25081629
Sample Number: 006
Sample Description: WQL 6

Sample Date: 08/26/2025
Sample Time: 10:35
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.027 I	MG/L	0.008	0.032	350.1	08/28/2025 20:04	LM
TOTAL KJELDAHL NITROGEN	0.439	MG/L	0.05	0.20	351.2	09/04/2025 15:52	JS
ORTHO PHOSPHORUS AS P	0.003 I	MG/L	0.003	0.012	365.3	08/27/2025 17:51	LM
TOTAL PHOSPHORUS AS P	0.008 I	MG/L	0.008	0.032	365.3	08/28/2025 15:15	LM
CHLOROPHYLL A	4.73	MG/M3	0.25	1.00	445.0	08/28/2025 15:00	KG
TOTAL SUSPENDED SOLIDS	2.00 I	MG/L	0.570	2.280	SM2540D	09/02/2025 10:09	IR
BIOCHEMICAL OXYGEN DEMAND	1 UJ3G2	MG/L	1	4	SM5210B	08/27/2025 19:53	LD/LC
NITRATE+NITRITE AS N	0.009 I	MG/L	0.006	0.024	SYSTEA EASY	08/29/2025 12:28	SN
TOTAL NITROGEN	0.448	MG/L	0.05	0.20	SYSTEA+351	09/04/2025 15:52	JS/SN

Leah Lepore 09/08/2025

Date

Dr. Dale D. Dixon Laboratory Director

Haley Richardson QC Manager / **Leah Lepore** QC Officer

DATA QUALIFIERS THAT MAY APPLY:

A = Value reported is an average of two or more determinations.
B = Results based upon colony counts outside the ideal range.
H = Value based on field kit determination. Results may not be accurate.
I = Reported value is between the laboratory MDL and the PQL.
J1 = Estimated value. Surrogate recovery limits exceeded.
J2 = Estimated value. No quality control criteria exists for component.
J3 = Estimated value. Quality control criteria for precision or accuracy not met.
J4 = Estimated value. Sample matrix interference suspected.
J5 = Estimated value. Data questionable due to improper lab or field protocols.
K = Off-scale low. Value is known to be < the value reported.
L = Off-scale high. Value is known to be > the value reported.
N = Presumptive evidence of presence of material.
O = Sampled, but analysis lost or not performed.
Q = Sample held beyond accepted hold time.
T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.
U = Analyte analyzed but not detected at the value indicated.
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate and Spike values are within control limits. Reported data are usable.
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.
Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.
| = Data deviate from historically established concentration ranges.
? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
* = Not reported due to interference.
Oil & Grease - If client does not send sufficient sample quantity for spike evaluation surface water samples are supplied by the laboratory.

NOTES:

MBAS calculated as LAS; molecular weight = 340.
PQL = 4xMDL.
ND = Not detected at or above the adjusted reporting limit.
G1 = Accuracy standard does not meet method control limits, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.
G2 = Accuracy standard exceeds acceptable control limits. Duplicate and spike values are within control limits. Reported data are usable.

COMMENTS:

Chlorophyll a was lab filtered at E85086 on 8/27/25 at 08:04

For questions or comments regarding these results, please contact us at (941) 723-9986.

Results relate only to the samples.

Benchmark EA South
1001 Corporate Avenue, Suite 102
North Port, FL 34289
(941) 625-3137 / (800) 736-9986
(941) 423-7336 fax
Sample Temperature checked upon receipt at BEAS with Temperature Gun ID #7

Benchmark EA, Inc.
1711 12th St. East
Palmetto, FL 34221
(941) 723-9986 / (800) 736-9986
(941) 723-6061-fax
Sample Temperature checked upon receipt at BEA with Temperature Gun ID #258

PO# 340-017840

Client: **GHD Services, Inc.** (HSA ENG)
2675 Winkler Ave. Suite 180
Ft. Myers Fl 33901
Erik Isern (239) 215-3914 Shannon Tucker 239-210-8653
Email EDD Reports to: ~~Connor Hayden (Connor.Hayden@ghd.com)~~ Jessica.walsh@ghd.com
~~2022 PO# 340431Z3~~

Kit Shipped to client via UPS Standard in 1 large cooler

Chain of Custody Form: Miromar Lakes SW Sampling

Project Number: 11225022-01

Profile: 840, QC Report

Laboratory Submission #: 25081629

Station ID	Sample Type[1]	Sample Matrix[2]	Parameters, Preservative[4], Container Type[3] / Total # of Containers = 24				Laboratory Submission #
			Unique bottle ID 1A	Unique bottle ID 1B	Unique bottle ID 1C	Unique bottle ID 1D	
			NO_3-NO_2 (353.2) TKN (351.2) NH_3 (350.1) TP (365.3) T-N (Calc.)	BOD5 (SM5210B) TSS (SM2540D)	Ortho-Phos (Lab Filtered) (365.3)	Chlorophyll a (445.0) Filtered @ BEAS 8/27/25 0804	
			1.1mL 1:4 H_2SO_4 pH<2 ☑ Lot # 25-15	Plain	Plain	Plain	
			1 x ½ Pint Plastic	1 x 2 Quart Plastic	1 x ½ Pint Plastic	1 x 500mL Opaque Plastic	
WQL #1	Grab	SW	Date/Time: 8/26/2025	1010			1
WQL #2	Grab	SW	Date/Time:	1110			2
WQL #3	Grab	SW	Date/Time:	1050			3
WQL #4	Grab	SW	Date/Time:	1020			4
WQL #5	Grab	SW	Date/Time:	1245			5
WQL #6	Grab	SW	Date/Time:	1035			6

Notes:
1. "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
2. "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).
3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4. **Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).**
5. Under "Preservative," list any preservatives that were added to the sample container. Lot Number of preservative used is specific to the bottles included in the kit. NaThio, H_2SO_4 and HNO_3 do not have expiration dates per the manufacturer. Micro bottles are pre-preserved at manufacturing stage. 40mL vials are pre-preserved at manufacturing stage.
6. 2 Quart plastic bottles are not certified.

Instructions:
1. Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.
5. Sample kit has been created by BEA using new, certified bottles unless otherwise noted.

Laboratory Sample Acceptability:
pH <2 ☑ BEA Temperature: 6.1°C
BEAS Temp: 3.4°C

1	Collector & Affiliation: (Print & Sign) GHD Jessica Walsh	Date: 8/26/25	Time: 1527	Received By & Affiliation: (Print & Sign) Brooke Watermick BEAS	Date: 8/26/25	Time: 1527
2	Relinquished By & Affiliation: (Print & Sign) Brooke Watermick BEAS	Date: 8/27/25	Time: 1145	Received By & Affiliation: (Print & Sign)	Date: 8/27/25	Time: 1145
3	Relinquished By & Affiliation: (Print & Sign)	Date: 8/27/25	Time: 1426	Received By & Affiliation: (Print & Sign) Kera McLaren BEA	Date: 8/27/25	Time: 1426
4	Relinquished By & Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time:
5	Relinquished By & Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time:

Submission Number: 25081629
Project Name: MIROMAR LAKES SW SAMPLING

QC REPORT

SUBMISSION NUMBER	SAMPLE NUMBER	METHOD	ANALYTE	ANALYSIS DATE/TIME	QC FLAG	QC VALUE	SAMPLE RESULT	LR RESULT	LR %RSD	SPK RESULT	STD-SPK %REC
25081529 - 01B	820084	350.1	AMMONIA NITROGEN	08/28/2025 20:45	LR		1.866	1.863	0.12		
		350.1	AMMONIA NITROGEN	08/28/2025 11:56	MB		0.000				
25081311 - 003	819650	350.1	AMMONIA NITROGEN	08/28/2025 16:51	SPK	1.00	0.148			1.180	103.0
		350.1	AMMONIA NITROGEN	08/28/2025 18:21	STD	1.00	1.000				100.0
25081617 - 001	820216	351.2	TOTAL KJELDAHL NITROGEN	09/04/2025 13:51	LR		40.800	43.100	3.89		
		351.2	TOTAL KJELDAHL NITROGEN	09/04/2025 13:40	MB		0.000				
25081537 - 002	820099	351.2	TOTAL KJELDAHL NITROGEN	09/04/2025 17:50	SPK	2.00	1.360			3.320	97.8
		351.2	TOTAL KJELDAHL NITROGEN	09/04/2025 13:43	STD	2.50	2.390				95.6
25081595 - 001	820184	365.3	ORTHO PHOSPHORUS AS P	08/27/2025 16:30	LR		0.000	0.000	0.00		
		365.3	ORTHO PHOSPHORUS AS P	08/27/2025 17:22	MB		0.000				
25081653 - 001	820280	365.3	ORTHO PHOSPHORUS AS P	08/27/2025 16:30	SPK	0.20	0.246			0.470	111.9
		365.3	ORTHO PHOSPHORUS AS P	08/27/2025 17:25	STD	0.20	0.189				94.7
25081620 - 001	820223	365.3	TOTAL PHOSPHORUS AS P	08/28/2025 16:23	LR		3.410	3.440	0.42		
		365.3	TOTAL PHOSPHORUS AS P	08/28/2025 10:06	MB		0.000				
25081653 - 002	820281	365.3	TOTAL PHOSPHORUS AS P	08/28/2025 14:56	SPK	0.20	0.382			0.600	109.0
		365.3	TOTAL PHOSPHORUS AS P	08/28/2025 15:06	STD	0.20	0.187				93.7
25081656 - 001	820284	445.0	CHLOROPHYLL A	08/28/2025 15:00	LR		4.350	3.980	6.17		
		445.0	CHLOROPHYLL A	08/28/2025 15:00	MB		0.000				
		445.0	CHLOROPHYLL A	08/28/2025 15:00	STD	81.80	80.900				99.0
25081616 - 001	820213	SM2540D	TOTAL SUSPENDED SOLIDS	09/02/2025 10:09	LR		100.000	92.000	5.89		
		SM2540D	TOTAL SUSPENDED SOLIDS	09/02/2025 10:09	MB		0.000				
		SM2540D	TOTAL SUSPENDED SOLIDS	09/02/2025 10:09	STD	825.00	872.000				105.7
25081676 - 001	820332	SM5210B	BIOCHEMICAL OXYGEN DEMAND	08/27/2025 19:53	LR		430.000	424.000	0.99		
		SM5210B	BIOCHEMICAL OXYGEN DEMAND	08/27/2025 19:53	MB		0.000				
		SM5210B	BIOCHEMICAL OXYGEN DEMAND	08/27/2025 19:53	STD	198.00	163.000				82.3

QC FLAGS: MB or BLK = METHOD BLANK LR = LAB REPLICATE MSD = MATRIX SPIKE DUPLICATE STD or LCS = STANDARD SPK or MS = MATRIX SPIKE

SUBMISSION NUMBER	SAMPLE NUMBER	METHOD	ANALYTE	ANALYSIS DATE/TIME	QC FLAG	QC VALUE	SAMPLE RESULT	LR RESULT	LR %RSD	SPK RESULT	STD-SPK %REC
25081756 - 009	820483	SYSTEA EASY	NITRATE+NITRITE AS N	08/29/2025 13:03	LR		0.484	0.479	0.85		
		SYSTEA EASY	NITRATE+NITRITE AS N	08/29/2025 12:03	MB		0.000				
25081748 - 005	820459	SYSTEA EASY	NITRATE+NITRITE AS N	08/29/2025 13:42	SPK	0.20	0.010			0.210	99.8
		SYSTEA EASY	NITRATE+NITRITE AS N	08/29/2025 12:04	STD	0.25	0.263				105.0

Comments:

QC FLAGS: MB or BLK = METHOD BLANK LR = LAB REPLICATE MSD = MATRIX SPIKE DUPLICATE STD or LCS = STANDARD SPK or MS = MATRIX SPIKE

Attachment 5

Surface Water Field Sheets

SURFACE WATER FIELD SHEET
Station Information

Miramar Lakes

STATION ID: WQL #1

LOCATION: under bridge

DATE/TIME: 8/26/25 1010

ALL TIMES ARE: (ETZ) or CTZ (circle one)

WATERBODY TYPE: (Circle One)
- Small Lake (>4 and <10HA) (collect samples in middle of open water)
- Large Lake (>10HA) (collect samples at selected location point)
- Small Stream (collect samples in representative area)
- Large River (collect samples in representative area)

Water Characteristics

TOTAL WATER DEPTH: NM (feet) (Average of 2 measurements)

Sample Depth: 1.5 (feet)

STREAM FLOW: (Circle One if applicable) — No Flow / Flow within Banks / Flood Conditions

WATER LEVEL: (Circle One) — Low / Normal / High

WATER SAMPLE COLLECTION DEVICE (Circle One) — Van Dorn / Direct Grab with Sample Bottle / Dipper / Other

Field Measurements — Meter ID# 17676 — **Field Measurements Read By:** (initials) JW

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1010	1.5 (NM)	8.38	6.74	90.4	30.63	295	282
Time (24 hr.)	Bottom Depth Collected (feet)	pH (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
		8.47					

*pH of preserved sample: number of drops of sulfuric acid added in field to achieve pH of less than 2: —

Samples immediately placed on ice? (Yes) No

WEATHER CONDITIONS: (circle) raining, (clear,) partly cloudy, windy

PERSONNEL ON SITE: JW, MM

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

Miramar Lakes

STATION ID: WQL #4

LOCATION: adjacent to bay

DATE/TIME: 8/26/25 1020

ALL TIMES ARE: (ETZ) or CTZ (circle one)

WATERBODY TYPE: (Circle One)
- Small Lake (>4 and <10HA) (collect samples in middle of open water)
- (Large Lake (>10HA) (collect samples at selected location point))
- Small Stream (collect samples in representative area)
- Large River (collect samples in representative area)

Water Characteristics

TOTAL WATER DEPTH: (Average of 2 measurements) NM (feet) Sample Depth: 1.5 (feet)

STREAM FLOW: (Circle One if applicable) No Flow (Flow within Banks) Flood Conditions

WATER LEVEL: (Circle One) Low (Normal) High

WATER SAMPLE COLLECTION DEVICE (Circle One) Van Dorn Direct Grab with Sample Bottle (Dipper) Other

Field Measurements Meter ID# 17676 **Field Measurements Read By:** (initials) JW

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1020	1.5	8.61	6.93	93.3	30.85	291	2.91
Time (24 hr.)	Bottom Depth Collected (feet)	pH (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)

*pH of preserved sample: number of drops of sulfuric acid added in field to achieve pH of less than 2: —

Samples immediately placed on ice? (Yes) No

WEATHER CONDITIONS: (circle) raining, (clear), partly cloudy, windy

PERSONNEL ON SITE: JW, MM

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

Miramar Lakes

STATION ID: WQL #6

LOCATION: at buoy

DATE/TIME: 8/26/25 1035

ALL TIMES ARE: (ETZ) or CTZ (circle one)

WATERBODY TYPE: (Circle One)
Small Lake (>4 and <10HA) (collect samples in middle of open water)
(Large Lake (>10HA) (collect samples at selected location point))
Small Stream (collect samples in representative area)
Large River (collect samples in representative area)

Water Characteristics

TOTAL WATER DEPTH: (Average of 2 measurements) NM (feet)
Sample Depth: 1.5 (feet)

STREAM FLOW: (Circle One if applicable) No Flow (Flow within Banks) Flood Conditions

WATER LEVEL: (Circle One) Low (Normal) High

WATER SAMPLE COLLECTION DEVICE (Circle One) Van Dorn Direct Grab with Sample Bottle (Dipper) Other

Field Measurements Meter ID# 17676
Field Measurements Read By: (initials) JW

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1035	1.5	8.60	6.80	91.6	30.96	292	2.67
Time (24 hr.)	Bottom Depth Collected (feet)	pH (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)

*pH of preserved sample: number of drops of sulfuric acid added in field to achieve pH of less than 2: —

Samples immediately placed on ice? (Yes) No

WEATHER CONDITIONS: (circle) raining, (clear), partly cloudy, windy

PERSONNEL ON SITE: JW, MM

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

Miramar Lakes

STATION ID: WRL #3

LOCATION: near metal weir

DATE/TIME: 8/26/25 1050

ALL TIMES ARE: (ETZ) or CTZ (circle one)

WATERBODY TYPE: (Circle One)
- Small Lake (>4 and <10HA) (collect samples in middle of open water)
- (Large Lake (>10HA) (collect samples at selected location point))
- Small Stream (collect samples in representative area)
- Large River (collect samples in representative area)

Water Characteristics

TOTAL WATER DEPTH: NM (feet) (Average of 2 measurements)

Sample Depth: 1.5 (feet)

STREAM FLOW: (Circle One if applicable) No Flow / (Flow within Banks) / Flood Conditions

WATER LEVEL: (Circle One) Low / (Normal) / High

WATER SAMPLE COLLECTION DEVICE (Circle One) Van Dorn / Direct Grab with Sample Bottle / (Dipper) / Other _____

Field Measurements Meter ID# 17676

Field Measurements Read By: (initials) JW

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1050	1.5	8.52	~~6.43~~	~~86.7~~	31.13	293	3.35
Time (24 hr.)	Bottom Depth Collected (feet)	pH (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
			6.39	85.6			

*pH of preserved sample: number of drops of sulfuric acid added in field to achieve pH of less than 2: 5

Samples immediately placed on ice? (Yes) No

WEATHER CONDITIONS: (circle) raining, (clear), (partly cloudy), windy

PERSONNEL ON SITE: MM, JW

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

Miramar Lakes

STATION ID: WQL #2

LOCATION: at buoy

DATE/TIME: 8/26/25 1110

ALL TIMES ARE: (ETZ) or CTZ (circle one)

WATERBODY TYPE: (Circle One)
- Small Lake (>4 and <10HA) (collect samples in middle of open water)
- (Large Lake (>10HA) (collect samples at selected location point))
- Small Stream (collect samples in representative area)
- Large River (collect samples in representative area)

Water Characteristics

TOTAL WATER DEPTH: NM (feet) (Average of 2 measurements)

Sample Depth: 1.5 (feet)

STREAM FLOW: (Circle One if applicable) — No Flow / (Flow within Banks) / Flood Conditions

WATER LEVEL: (Circle One) — Low / (Normal) / High

WATER SAMPLE COLLECTION DEVICE (Circle One) — Van Dorn / Direct Grab with Sample Bottle / (Dipper) / Other _____

Field Measurements Meter ID# 17676

Field Measurements Read By: (initials) JW

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1110	1.5	8.26	6.57	88.1	30.66	314	2.27
Time (24 hr.)	**Bottom Depth Collected (feet)**	**pH (SU)**	**D.O.(mg./L)**	**D.O. (%)**	**Temp (°C)**	**Conductivity (µmhos/cm)**	**Turbidity (NTU)**

*pH of preserved sample: number of drops of sulfuric acid added in field to achieve pH of less than 2: —

Samples immediately placed on ice? (Yes) No

WEATHER CONDITIONS: (circle) raining, clear, (partly cloudy,) windy

PERSONNEL ON SITE: JW, MM

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

Miramar Lakes

STATION ID: WQL #5

LOCATION: weir outfall

DATE/TIME: 8/26/25 1245

ALL TIMES ARE: (ETZ) or CTZ (circle one)

WATERBODY TYPE: (Circle One)
- (Small Lake (>4 and <10HA) (collect samples in middle of open water))
- Large Lake (>10HA) (collect samples at selected location point)
- Small Stream (collect samples in representative area)
- Large River (collect samples in representative area)

Water Characteristics

TOTAL WATER DEPTH: (Average of 2 measurements) NM (feet) Sample Depth: 1.5 (feet)

STREAM FLOW: (Circle One if applicable) No Flow (Flow within Banks) Flood Conditions

WATER LEVEL: (Circle One) Low (Normal) High

WATER SAMPLE COLLECTION DEVICE (Circle One) Van Dorn Direct Grab with Sample Bottle (Dipper) Other _____

Field Measurements Meter ID# 17676 **Field Measurements Read By:** (initials) JW

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1245	1.5	8.53	5.46	74.4	31.92	377	5.96
Time (24 hr.)	Bottom Depth Collected (feet)	pH (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)

*pH of preserved sample: number of drops of sulfuric acid added in field to achieve pH of less than 2: —

Samples immediately placed on ice? (Yes) No

WEATHER CONDITIONS: (circle) raining, clear, (partly cloudy), windy

PERSONNEL ON SITE: Jessica Walsh, Madison Mullen

REMARKS: construction occurring throughout golf course

Attachment 6

Laboratory Data Compliance Memo

Data Compliance Report

September 15, 2025

To	Mr. Richard Freeman CDD Asset Manager Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316	**Contact No.**	716-205-1977
Copy to	Jessica Walsh	**Email**	Sheri.Finn@ghd.com
From	Sheri Finn/cs/52	**Project No.**	11225022
Project Name	Miromar Lakes Surface Water Sampling		
Subject	Analytical Results Compliance Report Surface Water Quality Monitoring Miromar Lakes Fort Myers, Florida August 2025		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Compliance Review

Samples were collected in August 2025 in support of the Miromar Lakes Surface Water Quality Monitoring sampling. The analytical results are summarized in Table 1. All samples were prepared and analyzed within the method required holding times. The method blank results were non-detect. All reported laboratory control sample (LCS) analyses demonstrated acceptable accuracy. Laboratory duplicate analyses were performed for some analytes. All results were acceptable, indicating good analytical precision. The matrix spike (MS) results were evaluated per the laboratory limits. The MS analyses performed were acceptable, demonstrating good analytical accuracy.

Based on this compliance review, the results in Table 1 are acceptable for use.

Regards,

Sheri Finn
Analyst

MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT

Monthly Asset Manager's Report

September 2025

Prepared For:

James Ward

District Manager

Prepared By*:*

Richard Freeman

Calvin, Giordano & Associates, Inc.

A SAFEbuilt® COMPANY

CGA Project No. 13-5692

October 1, 2025

MIROMAR LAKES

COMMUNITY DEVELOPMENT DISTRICT

TABLE OF CONTENTS

MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT

I. PURPOSE

The purpose of this report is to provide the District Manager with an update on recent inspection-related activities. We will continue to provide updated monthly inspection reports on the status of ongoing field activities.

II. CURRENT ASSET UPDATES

1. Lake Maintenance

2. Fishery

3. Cane Toad Program

1. ***Lake Maintenance***

- **Shoreline Weeds:** All CDD lakes were treated for torpedo grass and other invasive weeds such as alligator weed, dog fennel, water sprite, ragweed, and vines. All beach shoreline areas were treated this month for shoreline weeds. All golf course lakes were inspected and treated this month for shoreline weeds. The east preserve side between Miromar and Esplanade Lake Club was treated for torpedo grass.
- **Algae:** Lakes #6S and 6R were treated this month for planktonic algae. These lakes were problematic last year around this time. These lakes may need additional follow-up treatments. Ongoing monitoring will continue.
- **Submerged Vegetation:** Submerged vegetation was treated this month around the preserve area in the north lake and also along the eastern channel along the preserve side.
- **Other:** The submerged vegetation mapping survey will be conducted on Monday 9/27. Quarterly wetland/preserve maintenance will be scheduled next month.

Current conditions at the control weir

2. ***Fishery***

- In recent weeks the water levels have risen a fair amount. Vegetation that was reaching the surface is likely underwater again. This vegetation should be treated with herbicides, since as the water level recedes, or the vegetation grows, it will top out again.

- The lake will be mapped again on Monday the 29th. Once the data is received the vendor can make more specific recommendations related to stocking additional Grass Carp. That said, a better approach than adding more Grass Carp at this time will be to treat the vegetation more aggressively with herbicides. Ideally 50 acres of vegetation throughout the lake would be treated with herbicides. This will help to slow the plants momentum, allowing us to build the Grass Carp population more gradually.

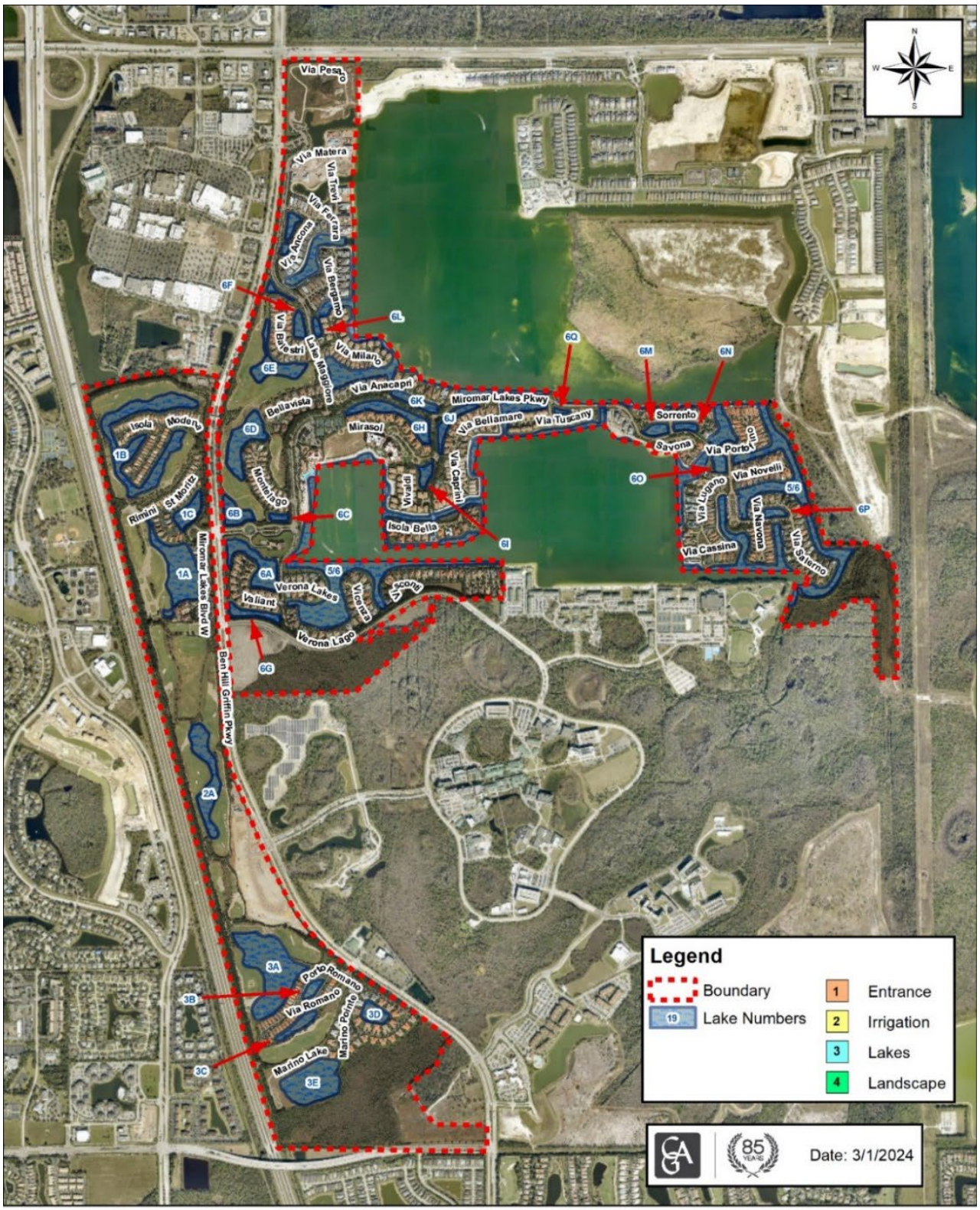
Fish population

Fish population

3. Cane Toad Program

- September showed continued high activity, with box trap captures of adults also increasing.
- **Primary hotspots:** Lakes 6K (Castelli) and 6J (Bellamare) produced dense tadpole strands, with algae mats slowing removal efforts.
- **Additional zones:** Lagoon 1 (Trevi) and Lagoon 4 (Volterra/Anacapri) regrew strands rapidly after rainfall, requiring repeated treatment.
- **Other areas:** The Botanical Gardens pond and northern Siena pond also required coverage following storms.
- **Juvenile emergence:** Small toads were frequently noted along Bellamare and Montebello shorelines after wet periods.
- **Box trap activity:** Adult captures from box traps rose compared to August, reflecting stronger nocturnal movement during damp evenings.
- **Wildlife note:** An alligator was observed in Lagoon 2 (Cortona/Ancona) and reported to staff.

4. Location Map



Miromar Lakes CDD - Engineer's Report Asset Map

From:	Mark Battaglia
To:	Trisha O"Brien
Cc:	Cori Dissinger
Subject:	RE: Miromar Lakes CDD - Status of Landscaping improvements
Date:	Friday, September 26, 2025 8:19:09 AM
Attachments:	image002.png

Hi Trisha,
We performed regular scheduled monthly maintenance and irrigation checks, and reviewed the planting materials for any damaged or dead plants or trees; no issues to report.
Thank you.

From: Trisha O'Brien <trishaobrien@jpwardassociates.com>
Sent: Tuesday, September 23, 2025 11:05 AM
To: Mark Battaglia <MBattaglia@miromar.com>
Cc: Cori Dissinger <coridissinger@jpwardassociates.com>
Subject: Miromar Lakes CDD - Status of Landscaping improvements

Good Morning Mark,

We are building the agenda for the CDD's October regular meeting and wanted to reach out to see if you had updates on the Landscaping. The agenda goes out to the Board 10/2 so will need any info before then please. Thanks in advance.

Trisha O'Brien

Committed to Excellence

Trisha O'Brien
Administrative Coordinator
Email: trishaobrien@jpwardassociates.com
Mobile: **307-221-6816**
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Fort Lauderdale. Florida 33308