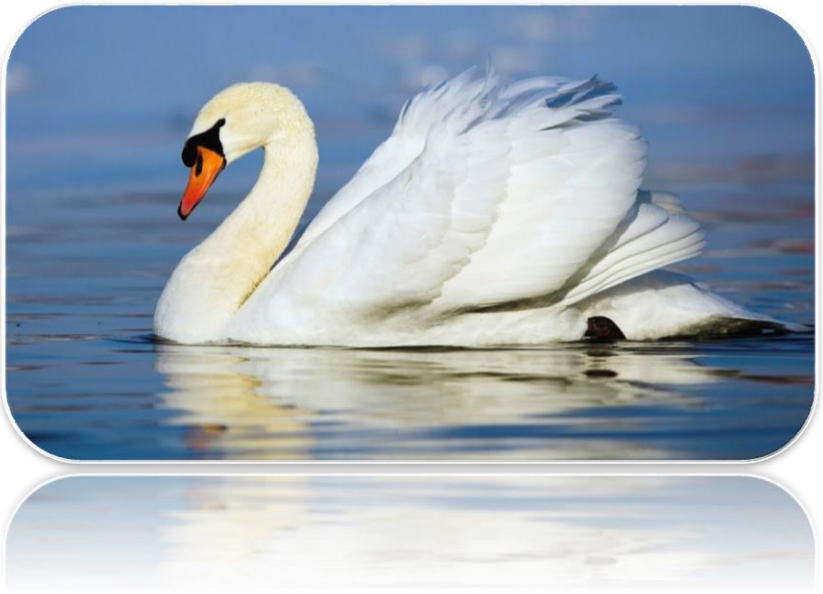
MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT



AGENDA

FEBRUARY 8, 2024

PREPARED BY:

JPWARD & ASSOCIATES, LLC, 2301 NORTHEAST 37TH STREET, FORT LAUDERDALE, FL 33308

T: 954-658-4900 **E:** JimWard@JPWardAssociates.com

Miromar Lakes Community Development District

February 1, 2024

Board of Supervisors

Miromar Lakes Community Development District

Dear Board Members:

The regular meeting of the Board of Supervisors of the Miromar Lakes Community Development District will be held on **Thursday, February 8, 2024,** at **2:00 P.M.** in the **Library at the Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913.**

The following WebEx link and telephone number are provided to join/watch the meeting remotely:
https://districts.webex.com/districts/j.php?MTID=m24512749241c97175e42024ca27f6d3e
Access Code: **2347 334 4337**, Event Password: **Jpward**

Or Phone: **408-418-9388** and enter the access code **2347 334 4337,** password: **Jpward** (**579274** from phones) to join the meeting.

Agenda

1. Call to Order & Roll Call.

2. Consideration of Minutes:
   I. January 11, 2024 – Regular Meeting.
   II. January 22, 2024 – Continued Meeting.

3. Staff Reports.
   I. District Attorney.
   II. District Engineer
   III. District Asset Manager.
      a) Operations Report - February 1, 2024.
      b) Water Quality Report – January 30, 2024.
      c) Waterway Inspection Report – January 29, 2024.
   IV. District Manager
      a) Florida Law changes to Form 1 Filings.
      b) Financial Statement for period ending January 31, 2024 (unaudited).

4. Supervisor's Requests and Audience Comments.

I. Supervisor Mike Weber: Ravenna Water Management System turnover.

5. Announcement of Next Meeting – **March 14, 2024**.

6. Adjournment.

The first order of business is the call to order & roll call.

The second order of business is the consideration of the Minutes from the Miromar Lakes Community Development District Board of Supervisors Regular Meeting held on January 11, 2024, and the Continued meeting held on January 22, 2024.

The third order of business is staff reports by the District Attorney, District Engineer, and District Asset Manager.

The balance of the agenda is standard in nature, and I look forward to seeing you at the meeting. If you have any questions and/or comments before the meeting, please do not hesitate to contact me directly by phoning (954) 658-4900.

Sincerely yours,

Miromar Lakes Community Development District

James P Ward

James P. Ward
District Manager

The Fiscal Year 2024 meeting schedule is as follows:

February 8, 2024	March 14, 2024
April 11, 2024	May 9, 2024
June 13, 2024	July 11, 2024
August 8, 2024	September 12, 2024

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, January 11, 2024, at 2:00 P.M. in the Library at the Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913.

Present and constituting a quorum:

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

Also present were:

James P. Ward	District Manager
Greg Urbancic	District Attorney
Charlie Krebs	District Engineer
Richard Freeman	Asset Manager
Ben Steets	Grau and Associates

Audience:

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**

November 28, 2023 – Regular Meeting Minutes

Mr. Ward asked if there were any additions, deletions, or corrections for the Minutes; there were none.

On MOTION made by Mike Weber, seconded by Mary LeFevre, and with all in favor, the November 28, 2023, Regular Meeting Minutes were approved as amended.

THIRD ORDER OF BUSINESS Consideration of Audited Financial Statements

Consideration of the Acceptance of the Audited Financial Statements for the Fiscal Year ended September 30, 2023

Mr. Ward introduced Mr. Ben Steets from Grau and Associates.

Mr. Ben Steets from Grau and Associates thanked the Board for choosing Grau and Associates. He thanked Jim Ward and staff for their assistance in performing a smooth audit. He indicated the audit was required by the State of Florida and bond indentures. He reviewed the Audited Financial Statements indicating the first two pages declared the auditor's opinion which was unmodified which meant Grau and Associates believed the financial statements were fairly presented. He indicated it was a clean opinion which was the best opinion Grau could give. He stated next was the Management's Discussion and Analysis which was a recap of the financial activity for the year comparing the current figures to the prior year. He indicated starting on page 7 were the Financial Statements including the statement of net position; statement of activities; balance sheet; and statement of revenues, expenditures, and changes in fund balance. He noted the figures were consistent with previous years, nothing was unusual or unexpected. He reported on page 13 began the notes to the financial statements. He indicated on Page 19, note 5 and note 6 showed the total bonds outstanding which were $14,480,000 dollars; the District made its scheduled debt service payments, and everything was going according to routine. He indicated page 22 showed the Budget to Actuals. He discussed the remainder of the Audited Financial Statements which included various reports required by the Florida Auditor General. He indicated the District was in compliance, and there were no findings.

Mr. Weber asked if there were any audit adjustments on the year end financials.

Mr. Steets responded in the negative, there were no proposed adjusted journal entries.

On MOTION made by Alan Refkin, seconded by Mary LeFevre, and with all in favor, the Audited Financial Statements for Fiscal Year ended September 30, 2023, were accepted.

Mr. Reidy indicated page 22 showed the cash balances, and at the end of the Fiscal Year the District had $950,000 dollars which left $600,000 or $700,000 dollars for reserves which was a much better place than the District was in previously.

FOURTH ORDER OF BUSINESS Consideration of Resolution 2024-1

Consideration of Resolution 2024-1, a Resolution of the Board of Supervisors of the Miromar Lakes Community Development District Reaffirming, Restating and Re-Establishing The District's adoption of an Electronic Records Policy and a Policy on the use of Electronic Signatures; addressing severability, conflicts and an effective date

Mr. Ward indicated under the law, a particular policy needed to be followed for keeping the electronic records of the District. He stated the original Resolution was adopted in 2018 and there had been a few

changes to the Statute since then. He explained this Resolution brought the policy up to date and in compliance with current State Statute.

On MOTION made by Mary LeFevre, seconded by Mike Weber, and with all in favor, Resolution 2024-1 was adopted, and the Chair was authorized to sign.

FIFTH ORDER OF BUSINESS Staff Reports

I. District Attorney

Mr. Greg Urbancic indicated he was still preparing the easement form for Ravenna. He stated he should have it done early/mid next week. He reported the Legislative Session started January 9, 2024 and he would update the Board in this regard in the coming months. He discussed potential legislative changes. He reported Ethics Training now needed to be completed: one hour of Public Records, one hour Sunshine, two hours of Ethics. He noted there were several ways to complete this training and when the Board Members filed Form 1, each would be required to check the Ethics Training check box. He stated Form 6 was a result of a law change on January 1, 2024 which required city council members and mayors of municipalities to file a Form 6 which was much more intrusive than Form 1 and required a statement of net worth. He stated the Board Members did not need to file a Form 6 under current law; only the Form 1 was required. He indicated this was an election year, and there would be a qualifying period this year. He said Mr. Ward would provide additional information about the election and which seats were up for election.

Mr. Refkin asked for Mr. Urbancic to provide the websites at which the Board could complete the Ethics Training.

Mr. Urbancic responded he would do so.

Mr. Ward stated he had a memo prepared for the February meeting with this information. He stated he would send this information out to the Board Members shortly. He stated Mary LeFevre and Pat Reidy were up for election this year. He stated the qualifying packages would be provided in April or May with all the necessary information. He noted Ms. LeFevre and Mr. Reidy would end up filing the Form 1 twice this year as a result, once in June and once during the qualifying period.

Mr. Weber noted once Mr. Urbancic was done with the Ravenna easement document, the Board would want to review the document and sign off on the document before it was handed to Ravenna. He noted Ravenna hoped to have the document before its Board Meeting at the end of January. He asked how the Board would be able to review the document before the end of the month without another Board Meeting.

Mr. Ward stated either today's meeting could be continued, or another meeting could be scheduled prior to the end of the month.

Mr. Weber indicated he would reach out to the Ravenna HOA President and see whether he was still expecting this document before the end of the month.

Mr. Ward stated to schedule a new meeting, 10 days of advertising were required, and he would need to know soon to get it scheduled; or this meeting could be continued until January 25, and this relinquished the need for advertising.

Discussion ensued regarding continuing the meeting or holding off until the next meeting to review the document.

Ms. LeFevre asked about the property tied to the Ravenna permit.

Mr. Ward explained the developer bought a piece of land right next to Ravenna which came out of foreclosure and was now developing it. He stated he did not know the name assigned to the development. He indicated the property was located right next to Ravenna.

Mr. Weber noted Ravenna had water on either side of the property.

Mr. Charlie Krebs stated a portion of Miromar Lakes Parkway drained into the lake inside Ravenna, so from the bridge down to almost the intersection, going into the peninsula, to the west, all drained down toward the lake and used this lake for its water quality. He said it tied back into the lakes to the east, but it was all connected in its own shared drainage basin.

Mr. Ward stated he thought there was a developable piece of property which was tied to the Ravenna permit.

Mr. Krebs stated he believed the property Mr. Ward was referencing was Sardinia, which was on the other side of the bridge, and Sardinia was separated from Ravenna by the bridge.

Ms. LeFevre asked if Sardinia was on the same permit as Ravenna.

Mr. Krebs stated it was the same overall permit for Miromar Lakes, but when Ravenna was being developed, so was Miromar Lakes Parkway, so the drainage basins were connected.

Ms. LeFevre stated then the Ravenna permit did not include Sardinia or any other community.

Mr. Krebs agreed. He said everything in the peninsula, east of the bridge, was a different drainage basin.

Ms. LeFevre asked if the transfer of the permit to the CDD was automatic. She asked if the CDD had the option to refuse the permit.

Mr. Ward explained the permit was tied to the acceptance of the water management system, so when the CDD accepted the system, the permit had to be transferred.

Ms. LeFevre asked if for some reason Ravenna was not transferred to the CDD, would the permit remain in Ravenna's name.

Mr. Ward responded in the affirmative.

Ms. LeFevre asked if the permit remained in Ravenna's name, could the CDD be required to do any repairs on Ravenna's water management system.

Mr. Ward stated the overall water management system was in the CDD's name, so the CDD was tied to the whole water management system, so he did not know what the regulatory agency would require if there were a problem in Ravenna. He stated the regulatory agency could go after Ravenna, or both Ravenna and the CDD.

Mr. Krebs agreed; the application was still in Ravenna's name, so if the Board chose to transfer the Ravenna water management system to the CDD, the application would transfer to the CDD. He noted the permit had the same permit number as all of Miromar Lakes, it was just a separate application for Ravenna.

Discussion ensued regarding the inability to know whether the CDD would be held responsible for Ravenna's water management system problems; the importance of taking over Ravenna's water management system; and the recent improvements to Ravenna's water management system.

II. District Engineer

No report.

III. Asset Manager

a) Operations Report - December 1, 2023
b) Operations Report – January 1, 2024

Mr. Richard Freeman indicated (indecipherable). He stated it would be a series of 6 treatments over the next six months. He stated lake bank restoration was scheduled to start the 22nd or the 29th of January and would begin in Porto Romano.

Ms. LeFevre asked about the 35 additional boxes being installed for cane toad removal. She noted she thought Miromar was focusing on the boxes, while the CDD was focusing on tadpole removal.

Mr. Freeman indicated the 35 boxes were being installed by the CDD in addition to the boxes Miromar installed. He stated the cane toad vendor suggested placing the boxes to help keep the tadpoles from reoccurring.

Ms. LeFevre asked why Miromar was not paying for the boxes.

Mr. Freeman explained it was the CDD's vendor who suggested the extra boxes. He explained the boxes would reduce the CDD's vendor's time spent collecting tadpoles as the boxes would reduce the number of eggs being laid.

Ms. LeFevre noted he felt Miromar should be paying for the boxes not the CDD, especially if it cost $160 per box.

Ms. LeFevre agreed; she felt Miromar should pay for the boxes as this was how it seemed to be split.

Mr. Freeman noted it was $160 dollars a month to rent all 35 boxes in total, not $160 per box.

Mr. Reidy asked about the fishery.

Mr. Freeman responded Mr. Bernard met with the aquatic vendor to discuss the next steps and the vendor was going to do some electrofishing to see what species were in the lake and to determine what the next steps should be. He noted this would be included in the next month's report.

Ms. LeFevre asked about electrofishing.

Mr. Freeman explained electrofishing was shocking the water to bring the fish up to the surface to see what species were in the lake.

Ms. LeFevre asked if this killed the fish.

Mr. Freeman responded in the affirmative.

IV. District Manager

a) Financial Statement for period ending November 30, 2023 (unaudited)
b) Financial Statement for period ending December 31, 2023 (unaudited)

No report.

SIXTH ORDER OF BUSINESS Supervisor's Requests and Audience Comments

Mr. Ward asked if there were any Supervisor's requests.

Mr. Ballinger asked about the Bellavista turnover.

Mr. Refkin stated he went to the Bellavista Board Meeting in December and spoke to the Board, which he has been doing for two years. He stated he gave the Bellavista Board a letter outlining exactly what it would cost for Charlie Krebs to do the necessary work and told the Bellavista Board it could use Mr. Krebs' firm to do the work or find another firm. He stated he explained to Bellavista the CDD simply wanted to be certain the water management system was problem free before it was turned over to the CDD for maintenance. He stated the Board indicated it wished to use Mr. Krebs' firm and was going to move forward with the process.

Mr. Reidy asked if the cost was the problem. He asked how much it would cost.

Mr. Refkin responded he did not remember what the cost was, but the cost was not what had delayed the process. He indicated the Board had no issue with the cost. He stated the delay was simply because Bellavista did not prioritize the transfer.

Mr. Ward noted there were no audience members present. He asked what the Board wished to do about the meeting.

Mr. Weber attempted to reach the Ravenna HOA Board President.

The Board decided to continue today's meeting until Monday, January 22, 2024, at 9:30 a.m. unless the meeting was rendered unnecessary and was canceled.

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

Announcement of Next Meeting – February 8, 2024

EIGHTH ORDER OF BUSINESS **Adjournment**

The meeting was continued until Monday, January 22, 2024, at 9:30 a.m.

On MOTION made by Doug Ballinger, seconded by Mary LeFevre, and with all in favor, the meeting was continued until Monday, January 22, 2024 at 9:30 a.m. at the Beach Clubhouse.

Miromar Lakes Community Development District

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James P. Ward, Secretary Alan Refkin, Chairman

MINUTES OF MEETING
MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT

The Continued Meeting of the Board of Supervisors of the Miromar Lakes Community Development District was held on Monday, January 22, 2024, at 9:30 a.m. in the Library at the Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913.

Present and constituting a quorum:

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

Also present were:

James P. Ward	District Manager
Greg Urbancic	District Attorney
Erin Dougherty	General Manager Miromar Lakes Clubhouse

Audience:

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 9:30 a.m. He conducted roll call; all Members of the Board were present, constituting a quorum.

SECOND ORDER OF BUSINESS **Continuation of Meeting**

Mr. Ward indicated the purpose of today's continued meeting was to discuss an item on last week's Agenda, to review the access drainage utility and lake maintenance easement agreement with the Ravenna Condominium Association.

Mr. Urbancic indicated this was the proposed Easement Agreement, and it was broken down into the access drainage and utility easement component, and the lake maintenance easement component with some ancillary items. He stated in section 2 of the agreement was the primary access drainage and utility easement and it referenced three exhibits which included the internal roadway, the main lake, and the small interior lake. He explained why the CDD needed access to these areas. He noted the Agreement laid out the CDD's maintenance needs and requirements; however, the Ravenna HOA would be responsible for maintenance of the interior lake's lake banks. He noted in subsection D, the District

recognized the Condo Association had docks in the main lake and to the extent that these docks were to be modified, it would need to be cleared with the CDD.

Mr. Mike Weber asked if everyone in Miromar Lakes had the same maintenance restrictions on the docks which were implied by the Agreement.

Mr. Urbancic responded in the negative. He explained the docks in Miromar Lakes preexisted and the CDD did not enter into any easement agreement with the rest of Miromar Lakes. He explained the circumstances of the CDD accepting the facilities not by deed created a different situation.

Mr. Weber stated from a consistency standpoint, this might be overly restrictive.

Mr. Ward stated the issue was not the maintenance of the docks, it was dredging the lake and expanding existing docks; this would need District approval.

Mr. Weber stated he understood dock expansion needing District approval, but not maintenance.

Mr. Urbancic indicated he could take out the general maintenance reference and only require modification approval.

Mr. Pat Reidy agreed it was too restrictive as it was.

Mr. Weber noted the more restrictive the agreement was, the less the Ravenna HOA would like the agreement.

Discussion ensued regarding making sure the agreement was fair and consistent; not wanting the District to be responsible for dock maintenance; and possibly not requiring approval for dock maintenance or modification.

Mr. Ward explained the District owned the underlying fee title to the existing water management system; theoretically, the existing docks in Miromar Lakes could not be expanded in any way without District approval. He stated he felt the sentence should read, "The Association shall not undertake any dredging of the main lake, shall not be permitted to make a modification to the docks, or to increase the number of docks without written approval of the District." He said this way, the Association could do whatever it pleased other than increase the size of the docks or move the docks.

Mr. Urbancic agreed to make these changes.

Ms. Mary LeFevre asked if any resident in Miromar Lakes could buy a Ravenna dock or were the docks strictly for Ravenna residents.

Discussion ensued regarding Bellini renting docks; Bellamare allowing residents to purchase docks; the Ravenna Condo Association owning the Ravenna docks; all neighborhood HOAs owning the docks but allowing residents to use the docks or enabling residents to secure exclusive access to certain docks; nonresidents never being able to secure ownership to any dock in Miromar Lakes.

Mr. Reidy asked if a resident owned one of the docks in Ravenna, would the resident be required to sign this agreement. He stated he guessed Ravenna owned the docks and were leasing, renting, or allowing homeowners to use the docks. He stated Bellini leased its docks to Bellini residents only.

Discussion continued regarding how the individual neighborhoods managed their docks; and the legal implications of a Ravenna resident owning a dock.

Mr. Urbancic stated in the Ravenna Declaration of Condominium, the docks were referenced to be limited common elements. He explained this meant the docks were associated with various units, but he was unsure exactly how the docks were allocated. He stated the condominium association did not necessarily own any property, the condominium association administered the condominium on behalf of the unit owners who each owned an undivided interest in the common elements or had the right to use the limited common elements. He stated the association was able to grant certain easements over common elements of the condominium. He noted this was an unusual situation, but basically the condominium association would be agreeing to an easement and restrictions in a sense over the common elements.

Mr. Weber asked Mr. Erin Dougherty to join the meeting.

Ms. LeFevre asked if any of the Ravenna docks were owned by a resident within Miromar, but outside of Ravenna.

Mr. Dougherty stated he did not know of anyone who had purchased a dock in Ravenna, but he could reach out to Ravenna and confirm this information.

Mr. Urbancic stated he would make the revisions and capture the Board's intent in subsection D. He continued to review the Agreement. He stated in subsection F, under permits, the District was obligating the Association to transfer whatever permits necessary to operate the water management system in the area. He stated section 3, the areas around the lakes, included typical lake maintenance easements and carved out the rights for the District to access the facilities for drainage purposes. He stated the obligation in subsection B was on the Ravenna Association to maintain these areas and not install any landscaping which might interfere with the District's ability to access the facilities. He indicated subsection 4 gave the Association authorization to install a fountain in the interior lake as long as it did not interfere with the operation of the stormwater system. He noted the Association would be responsible for the fountain similar to some of the other fountains where the District granted a license agreement for associations to install fountains in lakes owned by the District. He stated subsection 5 indicated the Ravenna Association would not attempt to levy assessments on the District for the easements. He stated subsection 6 was an indemnity provision to make sure that the District was not responsible for what happened in the lake area, for actions not caused by the District. He noted the rest of the Agreement was standard provisions.

Mr. Weber asked if "interior lake" was the legal description of the detention pond.

Mr. Urbancic responded he was referring to the detention pond when he referred to the "interior lake."

Mr. Weber noted if this was the legal term then he had no arguments, but it was not actually a lake.

Mr. Urbancic noted if Mr. Weber would rather, he could call the interior lake a pond.

Mr. Weber stated he would prefer it be referred to as a detention pond.

Mr. Urbancic indicated he would change the Agreement to say interior detention pond.

Discussion ensued regarding the channel which ran from the main lake; the channel originally being intended to become a marina; the problems encountered when developing the "marina" which prevented it from being completed; where the Ravenna detention pond was located; where the waterway was located; where the rip rap was located; where the docks were located; where the road was located; where the pool was located; and where the easements were located.

Mr. Ward indicated he would have Charlie Krebs prepare a simple color graphic of Ravenna so the Board would be able to locate the different water management system elements.

Mr. Urbancic noted Mr. Krebs might be able to create a master exhibit which could be incorporated into the Agreement which showed where the easement locations were overlaid.

Mr. Ward stated this was an excellent idea as the attachments were difficult to read.

Mr. Urbancic noted he would ask Mr. Krebs and he would incorporate the master exhibit as the first exhibit in the Agreement.

Mr. Ward stated this was an excellent idea as well.

Mr. Weber stated Ravenna would be responsible for maintaining the fountain in the detention pond, and the land around the detention pond; however, the District would be responsible for the water in the lake and the weeds, etc. He noted the District would not be responsible for the shoreline as there was no rip rap in this area.

Mr. Ward stated in general the District had a rule in place for all of Miromar; the District owned the lakes (in normal circumstances) up to the control line, and then had an easement above the control line to the top of the bank. He stated the District's rule said the District would maintain to the top of the bank for purposes of lake bank restoration, but if an adjoining owner landscaped this area the owner maintained the vertical improvements, and this was consistent throughout Miromar Lakes. He stated the rule was, the District would maintain the lake bank to the extent if there was a washout, or if there were rip rap, but if there were landscaping, irrigation, etc., then Ravenna would maintain the landscaping and irrigation.

Mr. Weber stated in that case, the District would not be doing the lawn maintenance, etc.

Mr. Ward agreed.

Mr. Alan Refkin noted something similar was done in the peninsula where someone needed to landscape in the easement, and the District agreed with the caveat that if the District needed access, it was the homeowner's responsibility to remove and replace any landscaping which prohibited District access.

Ms. LeFevre stated there was a document online which also laid out the rules and responsibilities of the Associations versus the District.

Mr. Ward agreed. He noted the Agreement was to be viewed in addition to the online document outlining the rules and responsibilities of the Associations and the District.

Mr. Weber asked if the online document should be referenced in the Agreement.

Mr. Ward responded it should not be referenced in the Agreement as the District periodically changed its rules.

Ms. LeFevre noted the District might want to at least mention the online document to Ravenna.

Mr. Weber noted in 2E, 5th line down, there was a scrivener's error.

Mr. Urbancic thanked Mr. Weber.

Ms. LeFevre asked if anything was omitted as this was an easement as opposed to ownership.

Mr. Urbancic responded it was different in the sense that the District did not have fee simple rights, but he was careful, with Mr. Ward's help, to cover any contingencies which might arise, so he could not think of anything else which needed to be included.

Mr. Ward stated the biggest thing, which Ravenna lost, was Ravenna was not transferring liability. He stated he felt this was the biggest loss for an owner doing an easement as opposed to a deed.

Mr. Weber asked Mr. Urbancic to make the necessary modifications and send the document back out to the Board.

Mr. Urbancic stated this would be done.

Mr. Ward noted the revised version would be sent to the Board without Mr. Kreb's map initially.

Discussion ensued regarding exactly what would be changed in the Agreement including section 2D, interior lake changed to detention pond, the scrivener's error, the addition of the master exhibit, and the addition of making the agreement effective upon the permit transfer.

Mr. Weber noted he did not see anything in the Agreement which would prevent Ravenna from wishing to sign the Agreement.

Mr. Ward thanked Mr. Weber for his efforts in regard to this Agreement with Ravenna.

Discussion ensued regarding the remaining neighborhoods which needed to be transferred to the CDD.

The Board thanked Mike Weber.

THIRD ORDER OF BUSINESS **Adjournment**

The meeting was adjourned at approximately 10:15 a.m.

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

Miromar Lakes Community Development District

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James P. Ward, Secretary Alan Refkin, Chairman

MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT

Monthly Asset Manager's Report
January 2023

Prepared For:
James Ward
District Manager

Prepared By:

Calvin, Giordano & Associates, Inc.

A SAFEbuilt® COMPANY

CGA Project No. 13-5692
February 1, 2024

MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT

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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

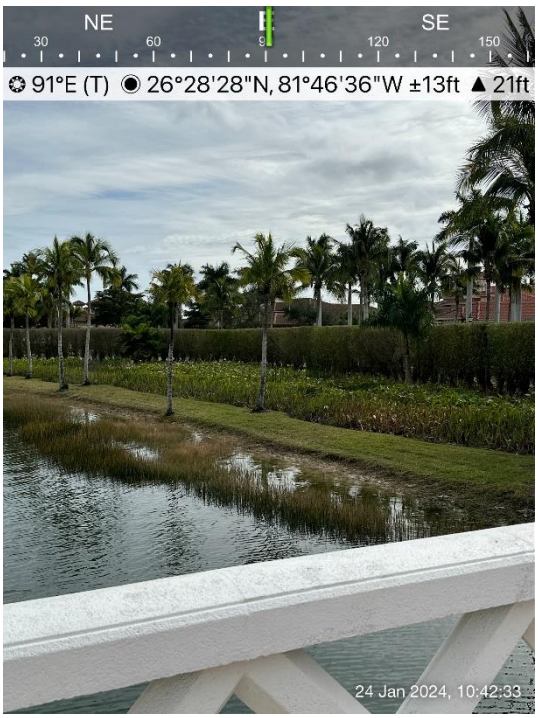
1. Lake Maintenance

2. Fishery

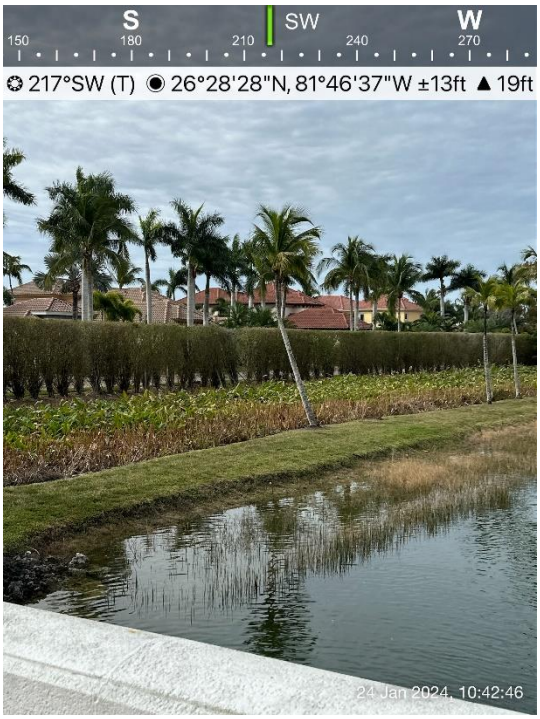
3. Corrective Actions

1. ***Lake Maintenance***

- Grasses, brushes, and invasive weeds such as alligator weed, cattails, torpedo grass, and vines were treated in lakes 1B, 1C, 1A, 2A, 3D, 3E, 6H, 6I, 60, 6P, and 6. Weeds found within the littorals were selectively treated to prevent damage to the beneficials.
- Lake 6R was treated for surface filamentous algae. Will follow up with vendor during next month's visit to determine effectiveness of the treatment.
- Lake 3D spike rush is being sprayed back every two weeks until control is gained. Previous treatment has shown to be effective, and growth is beginning to dye off. Additional treatment is still needed. The goal is to reduce the amount of growth and improve the overall aesthetics of the lake.
- Debris and vegetation floating along the peninsula marina will continue to be physically removed.
- Dissolved oxygen profiles were taken around the Bellini and Ana Capri cove as well as the waterfront within the midge fly treatment areas. Results will help us confirm if these areas are viable for the addition of native fish that target midge fly populations. The sampling data was sent out on 1/24, results should be received within a week's time.
- Midge fly treatment began along the Bellini, Anna Capri, and Castelli shoreline this month as well.
- Water levels are higher than usual this time of year due to frequent rains.



Wetland conditions in the Isebella.



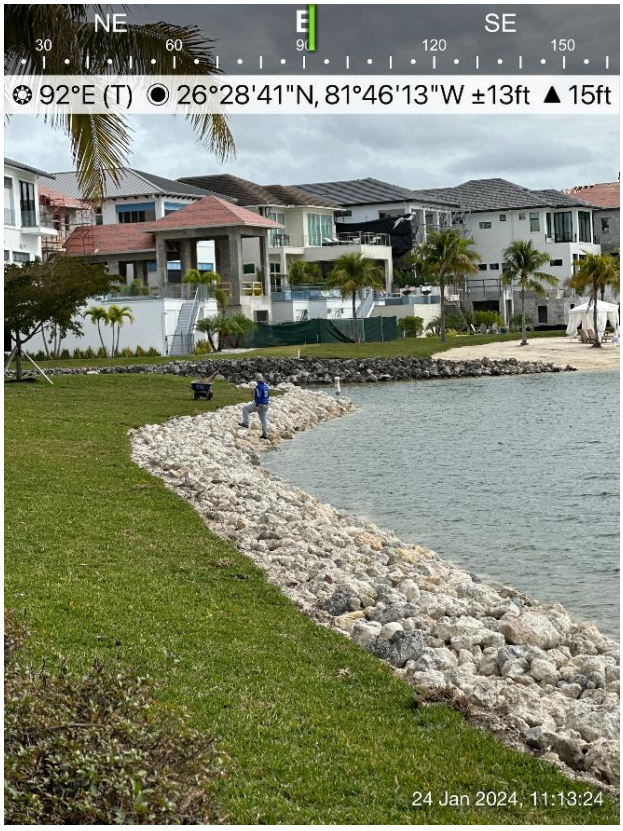
Wetland conditions in the Isebella.

2. ***Fishery***

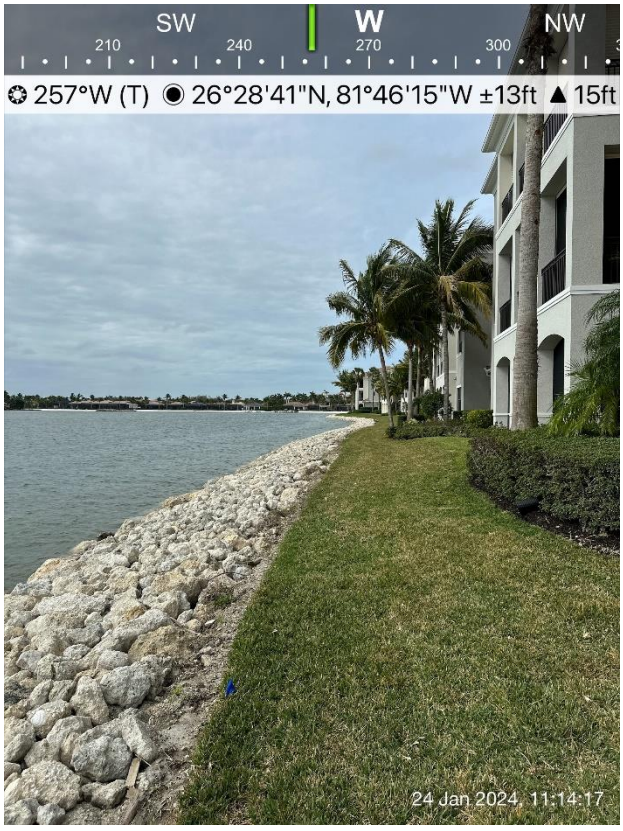
- The annual electrofishing program was completed this month. A formal report of the findings from this study and recommendations will be sent out by either David Beasley or Alex Johnson. This report will help us identify the type of species and fish that are currently in the lakes and give us a program to move forward.

3. ***Corrective Actions***

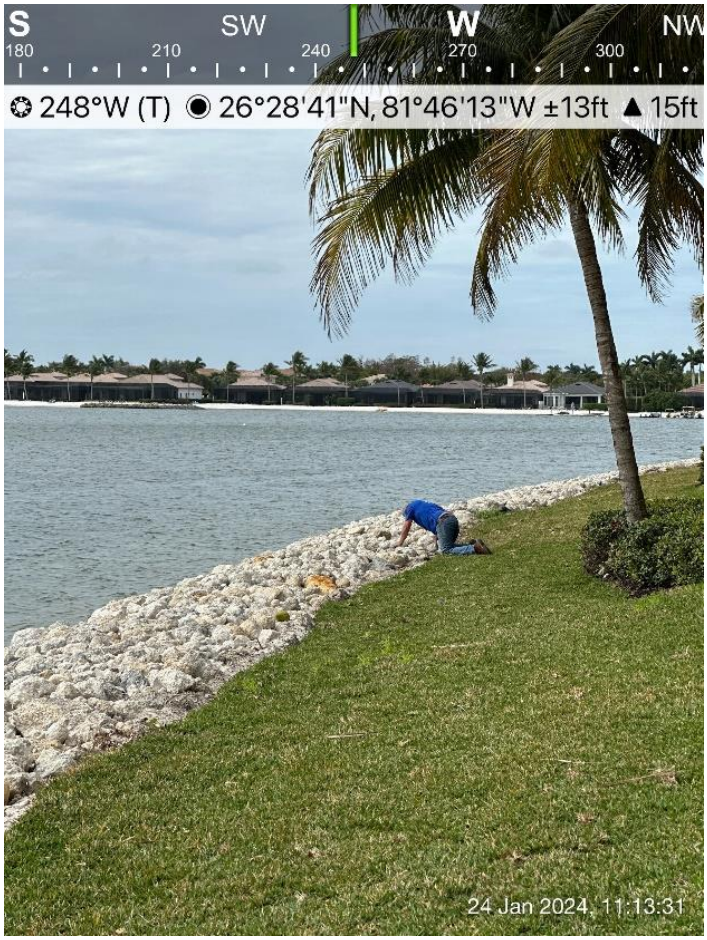
- The riprap vendor has completed the installation in Ravenna and is currently working on bank sod restoration and they are working on minor details before completion. The CDD inspected on a weekly basis during the installation of this project.
- The aquatic vendor needs to stay on top of floating weeds and vegetation.



Rip Rap restoration in Ravenna.



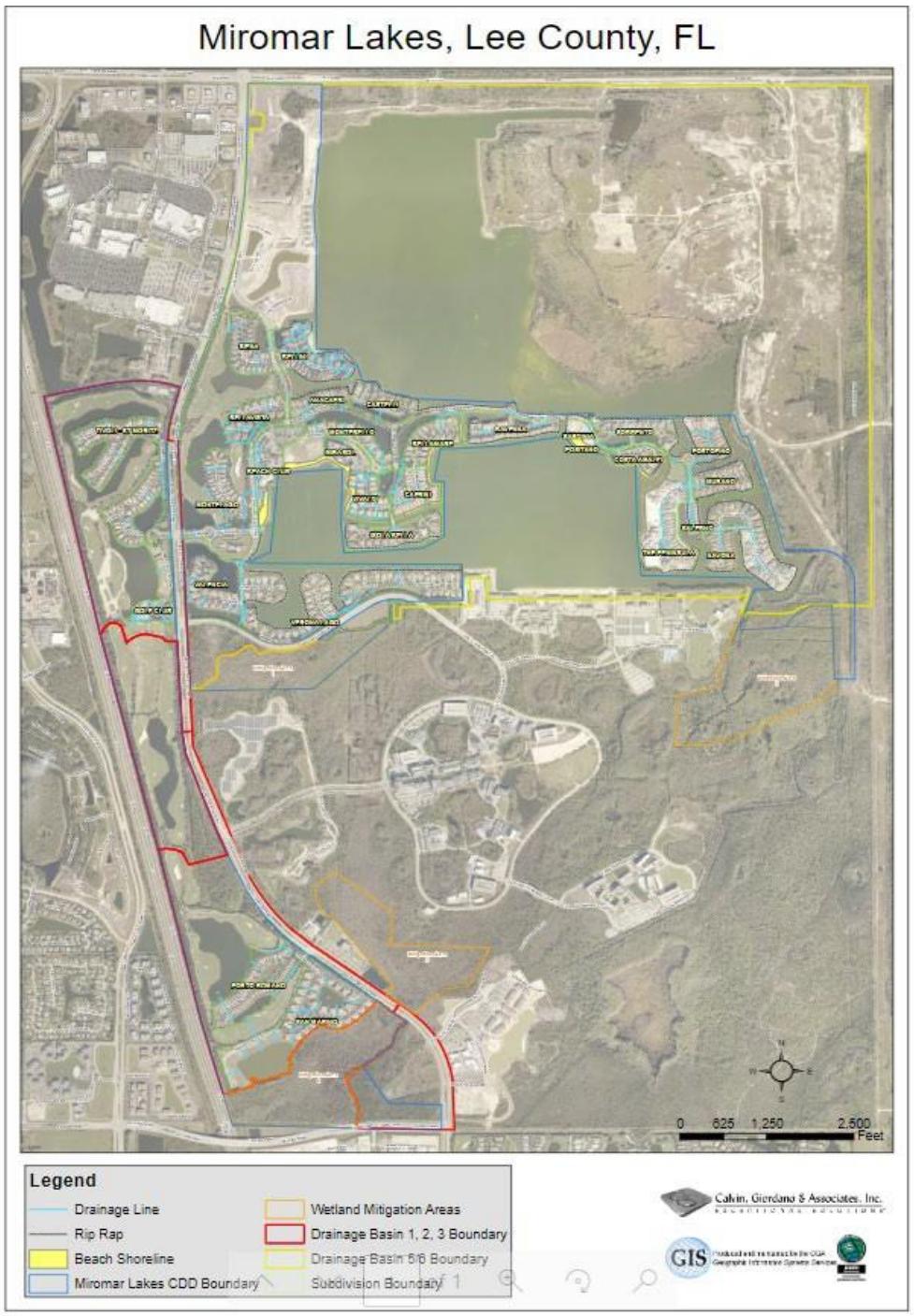
Rip Rap restoration in Ravenna.



Rip Rap restoration in Ravenna.

Rip Rap restoration in Ravenna.

III. LOCATION MAP



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Our ref: 11225022-14

January 30, 2024

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

Miromar Lakes Water Quality Sampling Report – November 2023

Dear Mr. Freeman,

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

1. Water Quality Sampling – November 2023

The November 2023 sampling event consisted of the collection of surface water samples from a total of six (6) test locations (WQL #1 through #4 and #6) from Lake 6 and one (1) surface water sample 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, 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 collected using direct grab sampling methods. The sample from WQL #5 is collected using the direct-dip sampling method with an extendable dipper. 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 November 2023 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 August 2023 and the recent sampling event conducted on November 21, 2023:

- BOD5 levels remained consistent and low. The BOD5 concentration at all sampling locations was below the method detection limit ([MDL], noted by a “U” following the result).
- The average chlorophyll-a concentration slightly increased from 7.29 mg/m^3 in August 2023 to 8.50 mg/m^3 in November 2023. No location revealed chlorophyll-*a* results in exceedance of the action limit, defined as 20 mg/m^3.
- Dissolved oxygen trends have historically varied. The average dissolved oxygen (%) content decreased by 8.1% between the August and November 2023 sampling events (from 93.7% in August to 85.6% in November). All sampling locations remain significantly above the action limit, defined as 38%.
- The average concentration of total nitrogen remained relatively consistent across all sample locations (from 0.662 mg/L in August to 0.734 mg/L in November).
- The average concentration of total phosphorus remained consistent across all sample locations (from 0.029 mg/L in August to 0.023 mg/L in November).
- The concentration of ortho phosphorus remained relatively consistent across all sampling locations.
- The turbidity decreased at all locations (from an average of 9.68 NTU in August to 2.54 NTU in November).
- The average concentration of total suspended solids slightly increased (from 2.84 mg/L in August to 3.37 mg/L in November).
- The average conductivity remained consistent at all locations (from 319.8 umhos/cm in August to 320.1 umhos/cm in November).
- The average pH slightly decreased (from 8.40 SU in August to 8.26 SU in November).
- The average temperature decreased by about 8.19°C (from 32.52°C in August to 24.33°C in November).

Based on historical data, it appears the concentration of BOD tends to be elevated during April/May, especially at WQL #5. While the BOD has historically fluctuated, including detections above the action level (2 mg/L), the BOD generally does not remain above its action level for more than one monitoring event. The last action level exceedance for BOD was observed in May 2020 at WQL #5. This month, the concentration of BOD at all sample locations was undetected and far below the action level. During April/May, the lake maintenance contractor may need to inspect the lakes, and specifically WQL #5, more frequently for evidence of potential algal blooms and treat them as needed.

The chlorophyll-*a* concentrations were below the action level of 20 milligrams per meter cubed (mg/m^3) at all sampling locations. Historically, elevated concentrations of chlorophyll-*a* have been observed at WQL #5. The chlorophyll-*a* concentration at this sampling location has decreased since the last sampling event (from 19.5 mg/m^3 in March 2023 to 14.8 mg/m^3 in November 2023) but remains elevated when compared to the remaining sampling locations. Chlorophyll-*a* concentrations appear to be low and stable at all other locations. A cyclic trend for chlorophyll-*a* concentration can be observed at WQL #5. Generally, it appears that there are relatively high chlorophyll-*a* concentrations within WQL #5 during the warmer months (March through August) and low concentrations in the cooler months (September through February). Chlorophyll-*a* concentrations at WQL #5 will continue to be closely monitored to delineate and confirm this trend.

The dissolved oxygen at all sampling locations remains significantly above the defined action level (a minimum of 38%). The DO concentration at all sampling locations decreased since the previous sampling event (except for at WQL #4 and #5, where it remained consistent). Due to historical fluctuations, the dissolved oxygen content in WQL #3 was closely monitored during the current sampling event. This is most likely due to the physical location of the water quality sample, as it is taken directly behind a weir and in a location that contains moderate vegetation growth. Since the historic low noted in March 2023, the dissolved oxygen content at WQL #3 has increased and is consistent with the other sampling locations.

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 concentration typically fluctuates throughout the year with apparent lows during the latter part of the year (September through December). Based on historical trends, GHD recommends the District notify their lake maintenance contractor to continue to watch for evidence of algal blooms from September to December.

For the November 2023 sampling event, overall, total nitrogen remained relatively consistent when compared to the previous sampling event, remaining relatively consistent at WQL #2, #3, #4, and #5, and slightly increasing at WQL #1 and #6. All locations remain well below the action level defined for total nitrogen (1.25 mg/L) and are consistent with historical results.

During the November 2023 monitoring event, the concentrations of total phosphorus slightly decreased at WQL #1, #2, and #3 and remained relatively consistent at WQL #4, $5, and #6. The total phosphorus concentration was detected between the MDL and the practical quantitation limit ([PQL], noted by an “I” following the result) at all sampling locations. Results for total phosphorus are consistent with historical levels and are below the action limits, defined as 0.05 mg/L.

The turbidity observed across all sampling locations during the November sampling has decreased since the previous sampling event (from an average of 9.68 NTU in August to 2.54 NTU in November) and remains well under the action level, defined as 32 NTU for the parameter.

While the concentration of total suspended solids (TSS) has fluctuated, it generally remains below the action level of 8 mg/L. The results from the November 2023 sampling event revealed that the TSS concentration has decreased at WQL #4, remained consistent at WQL #1, #2, and #3, and increased at WQL #5 and #6. All locations remain below the action level.

The conductivity at all monitoring locations during the November 2023 sampling event has decreased when compared to the previous sampling event, except at WQL #2 where it has remained consistent. In general, conductivity levels between sampling locations remain consistent with one another. Historically, 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 8.26 SU, slightly lower than the previous sampling event (8.40 SU), ranging between 8.10 SU at WQL #3 to 8.42 SU at WQL #5. All sampling locations displayed a decreasing trend in pH when compared to the previous sampling event except WQL #3, which remained consistent. The pH at sampling locations WQL #4 and #6 no longer exceed the upper action limit, defined as 8.5 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.

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

As can be seen above, half of the sampling locations were found to be nutrient-balanced, and the other half were found to be nitrogen-limited during the November 2023 sampling event.

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
29.24	44.87	39.45	43.55	46.94	44.03

3. Conclusions and Recommendations

Water quality conditions from November 2023 appear to remain relatively consistent since the previous August 2023 sampling event. Overall, decreasing trends were observed in dissolved oxygen and pH, consistent trends were observed in BOD5, total nitrogen, and total phosphorus, and a slightly increasing trend was observed in chlorophyll-*a.*

The pH levels at all sampling locations decreased. The pH at WQL #4 and #6 no longer exceeds the defined upper action limit of 8.5 SU. Due to the cyclic trend defined for the parameter, GHD expects the pH to remain consistent or slightly increase before the next sampling event. Continued close monitoring of the pH at all sampling locations is recommended since pH is a vital parameter for algal growth within freshwater bodies. Cyanobacteria (blue-green algae) prefer basic water (between a pH of 7.5 and 10 SU).

The chlorophyll-*a* concentration displayed slightly increasing trends across all sampling locations, however, all locations sampled display concentrations under the defined action level. GHD will continue to monitor the sampling locations closely to ensure levels remain under the action level and to define and confirm the cyclic pattern observed.

Based on these conclusions, GHD recommends continued water quality monitoring at this time. The next tri-annual sampling event is planned for the end of March 2024.

Please call if you have questions or need additional information.

Regards,

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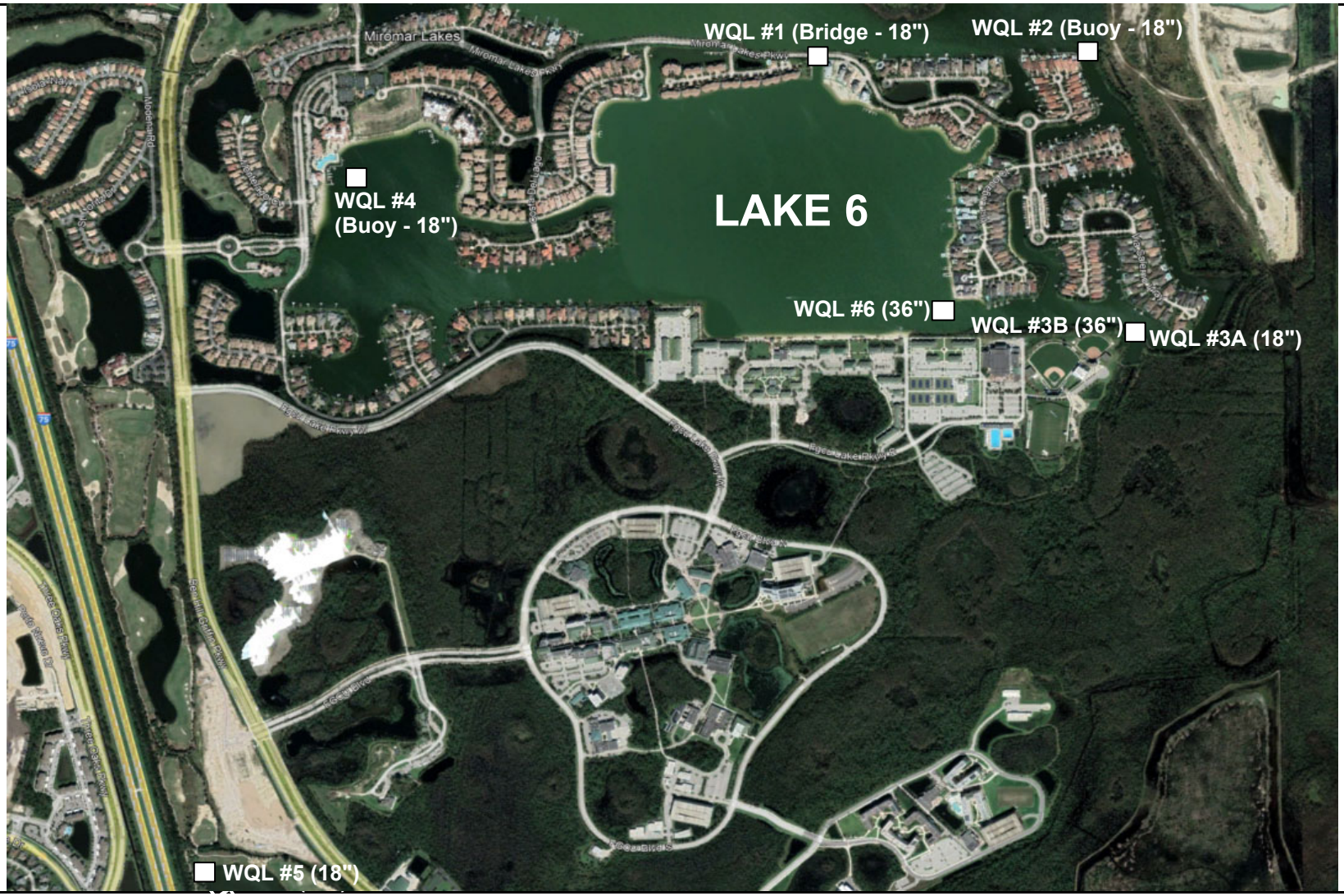
Encl: Attachments: Laboratory Data Compliance Memo
Table
Figure
Trend Graphs
Laboratory Analytical Reports
Surface Water Field Sheets



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

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Miromar Lakes, Fort Myers, Florida
November 2023

Sample Location/Sample ID:		WQ Location #1 / WQL1																							
Sample Date:		**04/27/16**	**08/03/16**	**10/31/16**	**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**
Field Parameters	**Units**																								
Total Water Depth	Feet	7.66	NS	6.1	5.83	3.5	6.2	4.89	2.9	5.7	4.95	6.83	7.2	4.2	3.9	6.5	5.4	6	6	6	5	8	8	NM	10
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	1.5	1.5	1.5	1
Conductivity, field	umhos/cm	408	353	387	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
Dissolved oxygen (DO), field	mg/L	8.03	5.91	7.53	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
Dissolved oxygen (DO), field	%	100.9*	79.3	89.4	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
pH, field	s.u.	8.44	8.19	7.92	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
Temperature, field	Deg C	27.08	30.8	24	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
Turbidity, field	NTU	2.41	3.44	3.55	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
Secchi Disk	Depth	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.8	4.2	3.9	6	5.4	6	NS	5	NS	NS	NS	NS	2
Wet Parameters	**Units**																								
Ammonia-N	mg/L	U	0.026 I	U	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
TAN criteria calculation	mg/L	0.24	0.29	0.67	0.66	0.48	0.27	0.52	0.26	0.27	0.45	0.42	0.26	0.42	0.28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.626	0.878	0.911	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
Total nitrogen	mg/L	0.626	0.878	0.911	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
Nitrite/Nitrate	mg/L	U	U	U	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
Ortho phosphorus (Field Filtered)	mg/L	0.074	0.071	0.03	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
Total phosphorus	mg/L	0.087	0.091	0.068	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
Chlorophyll	mg/m3	5.91	7.32	7.86	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
Total suspended solids (TSS)	mg/L	2.35	3.49	4.8	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
Biochemical oxygen demand (total BOD5)	mg/L	0.706 I	1 U	1 U	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

Sample Location/Sample ID:		WQ Location #2 / WQL2																							
Sample Date:		**04/27/16**	**08/03/16**	**10/31/16**	**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**
Field Parameters	**Units**																								
Total Water Depth	Feet	7.43	NS	9.2	8.56	6	6.2	8.01	6	10.2	8.65	8.31	10.4	7.8	6.35	9	8.8	10.25	7.5	8.5	6	15	11	NM	NM
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	1.5	1.5	1.5	1
Conductivity, field	umhos/cm	422	359	384	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
Dissolved oxygen (DO), field	mg/L	7.67	5.55	7.12	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
Dissolved oxygen (DO), field	%	97.4	74	84.7	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
pH, field	s.u.	8.37	8.07	7.68	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
Temperature, field	Deg C	27.62	30.4	24.1	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
Turbidity, field	NTU	3.97	31.71	4.38	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
Secchi Disk	Depth	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.3	NS	5.5	6.5	7	7	NS	7	NS	NS	NS	NS	4
Wet Parameters	**Units**																								
Ammonia-N	mg/L	U	0.019 I	U	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
TAN criteria calculation	mg/L	0.26	0.36	0.90	0.84	0.32	0.34	0.71	0.30	0.38	0.69	0.34	0.30	0.28	0.25	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.745	1.15	0.888	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
Total nitrogen	mg/L	0.745	1.15	0.9	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
Nitrite/Nitrate	mg/L	U	U	0.012 I	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
Ortho phosphorus (Field Filtered)	mg/L	0.077	0.07	0.064	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
Total phosphorus	mg/L	0.079	0.087	0.066	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
Chlorophyll	mg/m3	6.59	7.28	8.08	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
Total suspended solids (TSS)	mg/L	4.21	3.9	4.6	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
Biochemical oxygen demand (total BOD5)	mg/L	0.778 I	U	U	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

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Miromar Lakes, Fort Myers, Florida
November 2023

Sample Location/Sample ID:		WQ Location #3A / WQL3A																							
Sample Date:		**04/27/16**	**08/03/16**	**10/31/16**	**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**
Field Parameters	**Units**																								
Total Water Depth	Feet	3.78	3.64	3.52	2.81	1.5	4.6	3.35	3.2	3.6	5.87	2.95	4.5	3	1.5	4	3	3.33	3.75	2	3.33	4	2	NM	NM
Sample Depth	Feet	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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1
Conductivity, field	umhos/cm	406	329	255	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
Dissolved oxygen (DO), field	mg/L	7.31	4.78	2.93	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
Dissolved oxygen (DO), field	%	91.8	62.9	34.3	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
pH, field	s.u.	8.44	8	6.99	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
Temperature, field	Deg C	27	29.7	23.2	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
Turbidity, field	NTU	7.64	78.77	3.48	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
Secchi Disk	Depth	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Bottom	Bottom	Bottom	4	3	3.33	NS	2	NS	NS	NS	NS	3.5
Wet Parameters	**Units**																								
Ammonia-N	mg/L	U	0.029 I	0.044	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
TAN criteria calculation	mg/L	0.25	0.42	1.54	0.82	0.04	1.22	0.65	0.38	0.32	1.29	0.37	1.02	0.67	0.21	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.581	0.949	1.11	1.06	3.73	0.642	0.634	0.645	0.621	0.949	0.598	0.635	0.451	0.51	0.216	0.526	0.546	0.565	0.607	0.809	0.694	0.558	0.644	0.671
Total nitrogen	mg/L	0.581	0.949	1.13	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
Nitrite/Nitrate	mg/L	U	U	0.021	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
Ortho phosphorus (Field Filtered)	mg/L	0.073	0.012	0.051	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
Total phosphorus	mg/L	0.088	0.026 I	0.052	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
Chlorophyll	mg/m3	5.76	8.71	10.1	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
Total suspended solids (TSS)	mg/L	7.06	6.42	5.11	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
Biochemical oxygen demand (total BOD5)	mg/L	U	U	U	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

Sample Location/Sample ID:		WQ Location #3B / WQL3B											WQ Location #6											
Sample Date:		**04/27/16**	**08/03/16**	**10/31/16**	**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**
Field Parameters	**Units**																							
Total Water Depth	Feet	3.78	4	3.52	2.98	2	4.6	6.94	3.2	3.6	5.87	3.5	12.5	17.6	15.5	10.5	14.4	12.3	10.5	14	5.5	19	13	NM	NM
Sample Depth	Feet	3	3	3	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
Conductivity, field	umhos/cm	405	341	369	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
Dissolved oxygen (DO), field	mg/L	7.32	6.22	6.82	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
Dissolved oxygen (DO), field	%	91.1	82.8	81.2	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
pH, field	s.u.	8.46	8.14	7.68	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
Temperature, field	Deg C	26.55	30.3	24.1	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
Turbidity, field	NTU	7.98	10.03	3.15	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
Secchi Disk	Depth	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.8	8	7.2	7	7.5	6.4	NS	7	NS	NS	NS	NS	3.5
Wet Parameters	**Units**																								
Ammonia-N	mg/L	U	0.15 I	U	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
TAN criteria calculation	mg/L	0.24	0.32	0.90	1.29	0.37	0.35	0.63	NS	0.30	0.66	0.36	0.36	0.28	0.19	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.736	0.88	1.04	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
Total nitrogen	mg/L	0.744	0.88	1.05	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
Nitrite/Nitrate	mg/L	0.008 I	U	0.012 I	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
Ortho phosphorus (Field Filtered)	mg/L	0.088	0.064	0.029	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
Total phosphorus	mg/L	0.092	0.098	0.031 I	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
Chlorophyll	mg/m3	5.99	7.05	7.57	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
Total suspended solids (TSS)	mg/L	7.11	5.78	3.8	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
Biochemical oxygen demand (total BOD5)	mg/L	0.556 I	U	U	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

Table 1

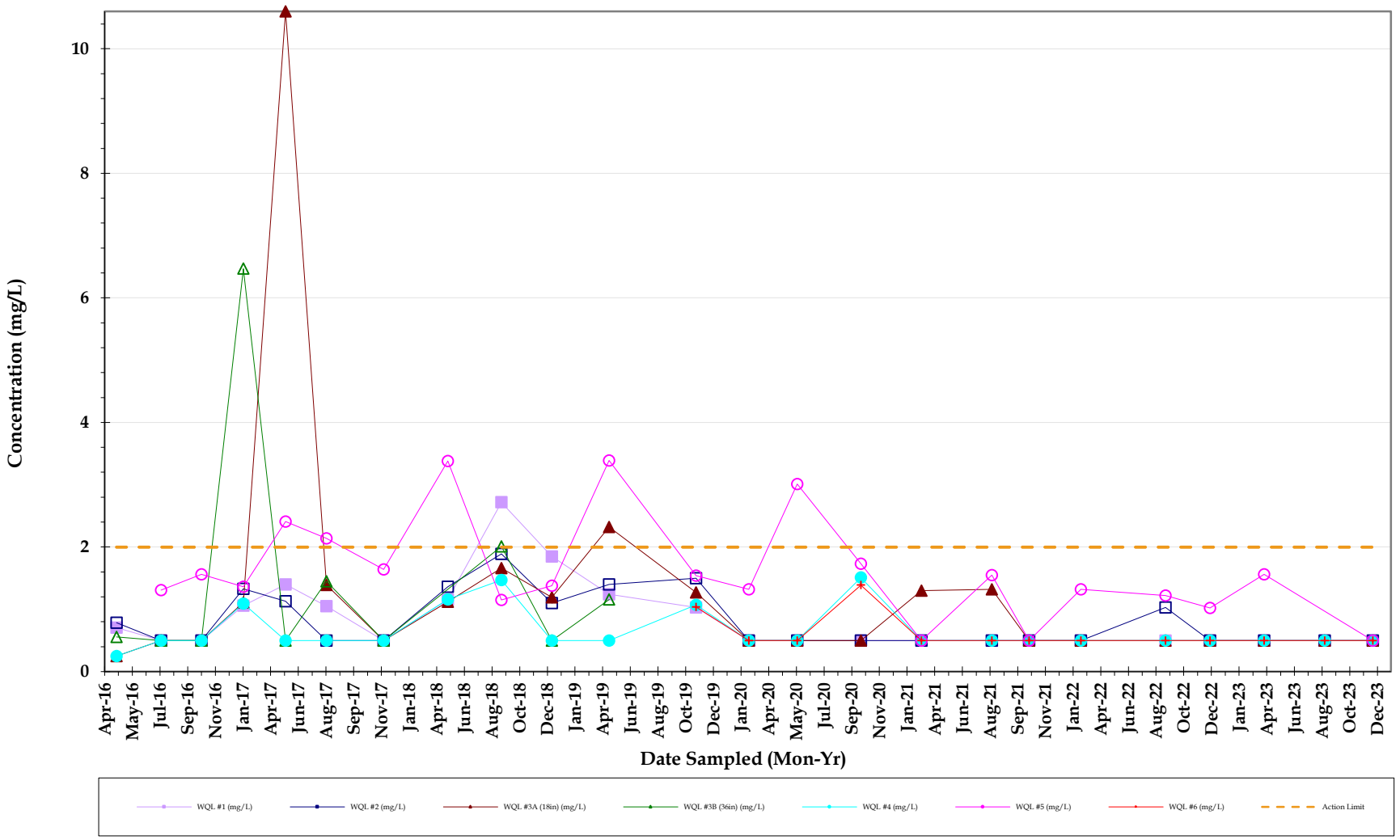
Analytical Results Summary
Surface Water Quality Monitoring
Miromar Lakes, Fort Myers, Florida
November 2023

Sample Location/Sample ID:		WQ Location #4 / WQL4																						
Sample Date:		**04/27/16**	**08/03/16**	**10/31/16**	**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**
Field Parameters	**Units**																							
Total Water Depth	Feet	12	7.77	14.88	7.91	5	10.7	7.9	6.9	11.8	10.7	14.2	15.4	13.55	12.55	13	8.01	7.2	7	5.5	6	NS	12	NM	NM
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	NM	1.5	1.5	1.5	1.5	1.5
Conductivity, field	umhos/cm	403	340	373	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
Dissolved oxygen (DO), field	mg/L	7.72	6.55	7.14	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
Dissolved oxygen (DO), field	%	96.4	88.3	85.6	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
pH, field	s.u.	8.58	8.31	7.59	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
Temperature, field	Deg C	26.71	31.1	24.5	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
Turbidity, field	NTU	1.87	2.04	4.44	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
Secchi Disk	Depth	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.5	8.5	7	6.5	8.01	7.2	NS	5.5	NS	NS	NS	NS	4
Wet Parameters	**Units**																								
Ammonia-N	mg/L	U	0.023 I	U	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
TAN criteria calculation	mg/L	0.20	0.23	0.96	0.68	0.72	0.31	0.53	0.27	0.23	0.74	0.54	0.25	0.24	0.16	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.868	0.887	0.78	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
Total nitrogen	mg/L	0.868	0.887	0.808	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
Nitrite/Nitrate	mg/L	U	U	0.028	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
Ortho phosphorus (Field Filtered)	mg/L	0.094	0.017	0.024	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
Total phosphorus	mg/L	0.101	0.021 I	0.027 I	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
Chlorophyll	mg/m3	4.92	7.11	7.78	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
Total suspended solids (TSS)	mg/L	2.33	2.84	3.6	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
Biochemical oxygen demand (total BOD5)	mg/L	U	U	U	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

Sample Location/Sample ID:		WQ Location #5 / WQL5																						
Sample Date:		**04/27/16**	**08/03/16**	**10/31/16**	**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**
Field Parameters	**Units**																							
Total Water Depth	Feet	NS	2	2.03	1.42	2.5	4.32	2.84	S	2.7	1.1	1.5	1.98	1.72	<1	2	2.5	NM	4	2	2.5	NS	NM	NS	2.5
Sample Depth	Feet	NS	1.5	1.5	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
Conductivity, field	umhos/cm	NS	411	515	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
Dissolved oxygen (DO), field	mg/L	NS	4.84	6.22	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
Dissolved oxygen (DO), field	%	NS	64.7	77.2	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
pH, field	s.u.	NS	7.83	7.77	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
Temperature, field	Deg C	NS	30.6	26.4	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
Turbidity, field	NTU	NS	2.08	3.62	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
Secchi Disk	Depth	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Bottom	Bottom	Bottom	NS	NS	NS	NS	NS	NS	NS	NS	NS	NM
Wet Parameters	**Units**																								
Ammonia-N	mg/L	NS	0.033	U	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
TAN criteria calculation	mg/L	NS	0.49	0.70	1.40	0.58	0.32	1.03	0.82	0.52	2.19	1.51	0.46	0.36	0.26	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	NS	0.845	0.786	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
Total nitrogen	mg/L	NS	0.845	0.794	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
Nitrite/Nitrate	mg/L	NS	U	0.008 I	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
Ortho phosphorus (Field Filtered)	mg/L	NS	0.022	0.042	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
Total phosphorus	mg/L	NS	0.065	0.042	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
Chlorophyll	mg/m3	NS	15.1	12.5	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
Total suspended solids (TSS)	mg/L	NS	4.1	4.8	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
Biochemical oxygen demand (total BOD5)	mg/L	NS	1.31 I	1.56 I	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

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
NS - Not sampled during noted event
I - Reported value is between method detection limit and the practical quantitation limit

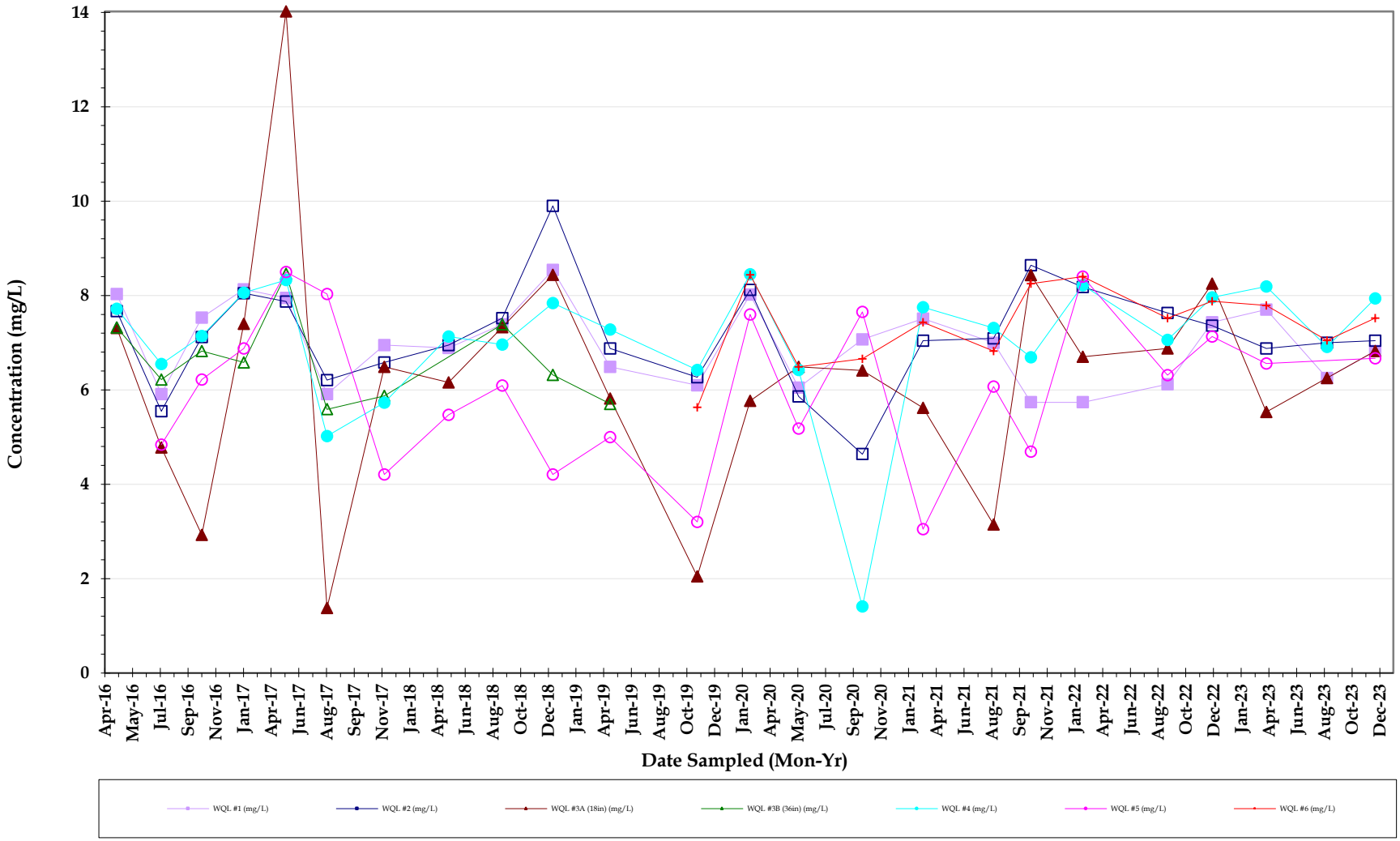


Biochemical Oxygen Demand

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

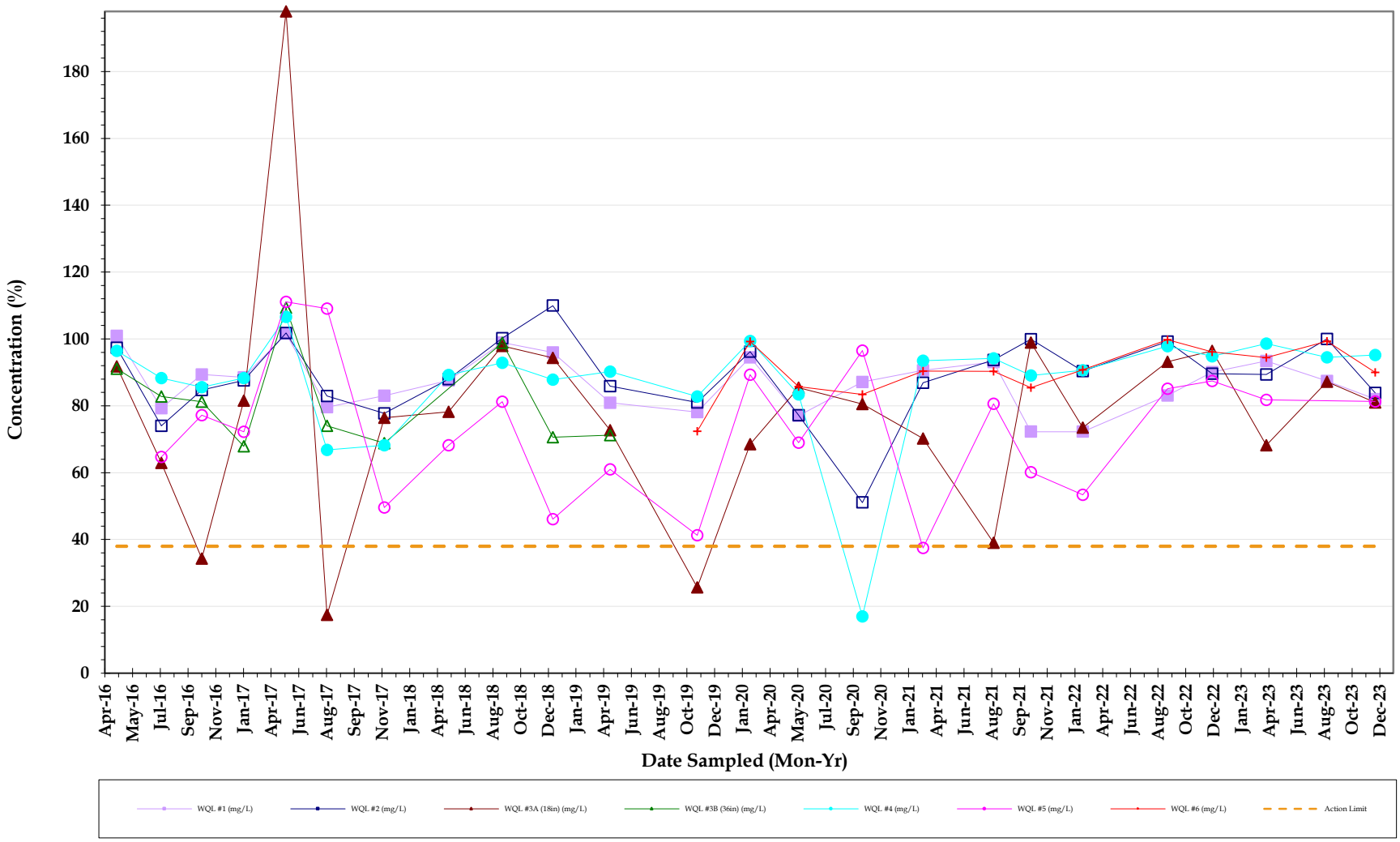


Dissolved Oxygen (mg/L)

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

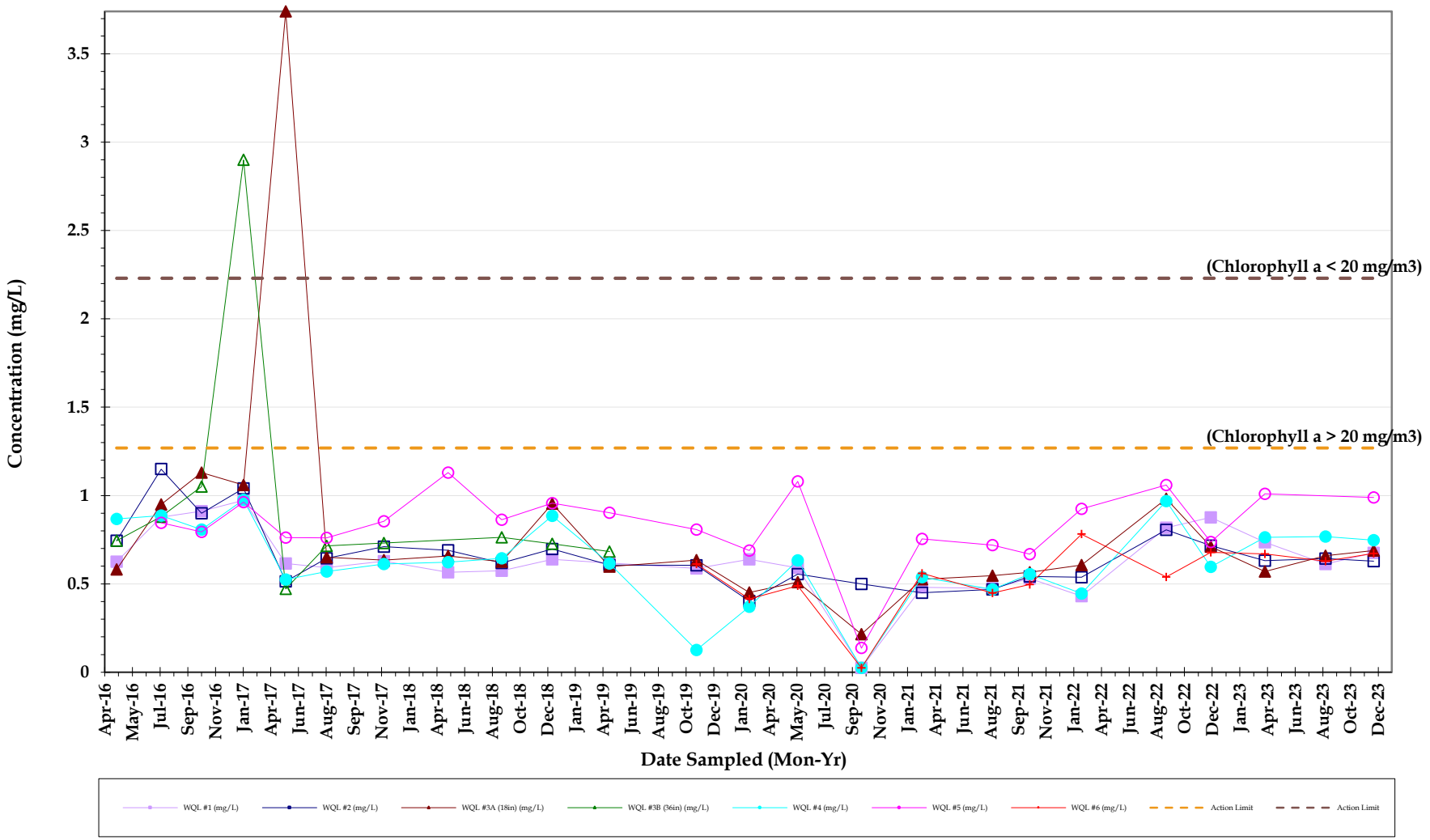


Dissolved Oxygen (%)

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

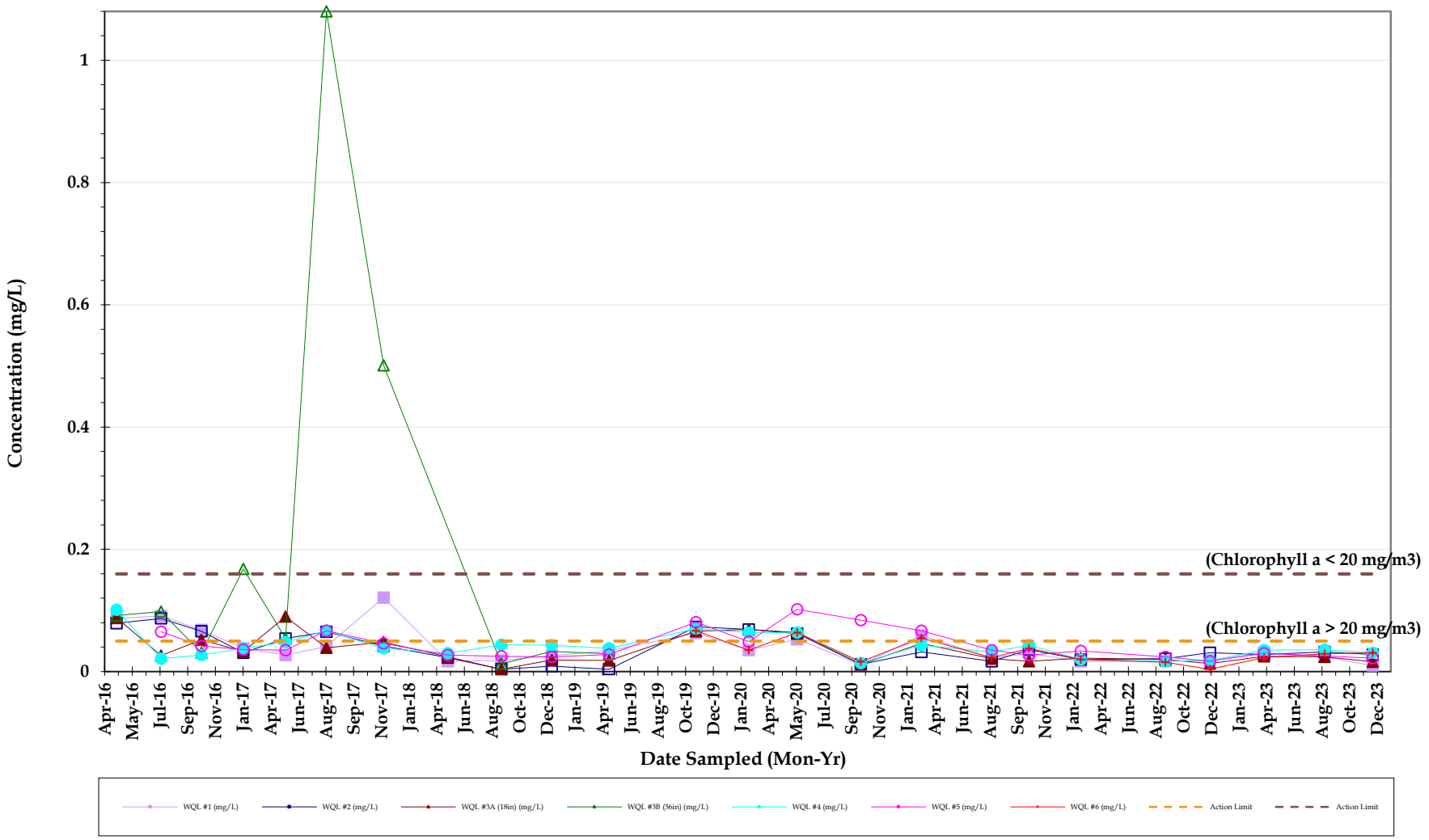


Total Nitrogen

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

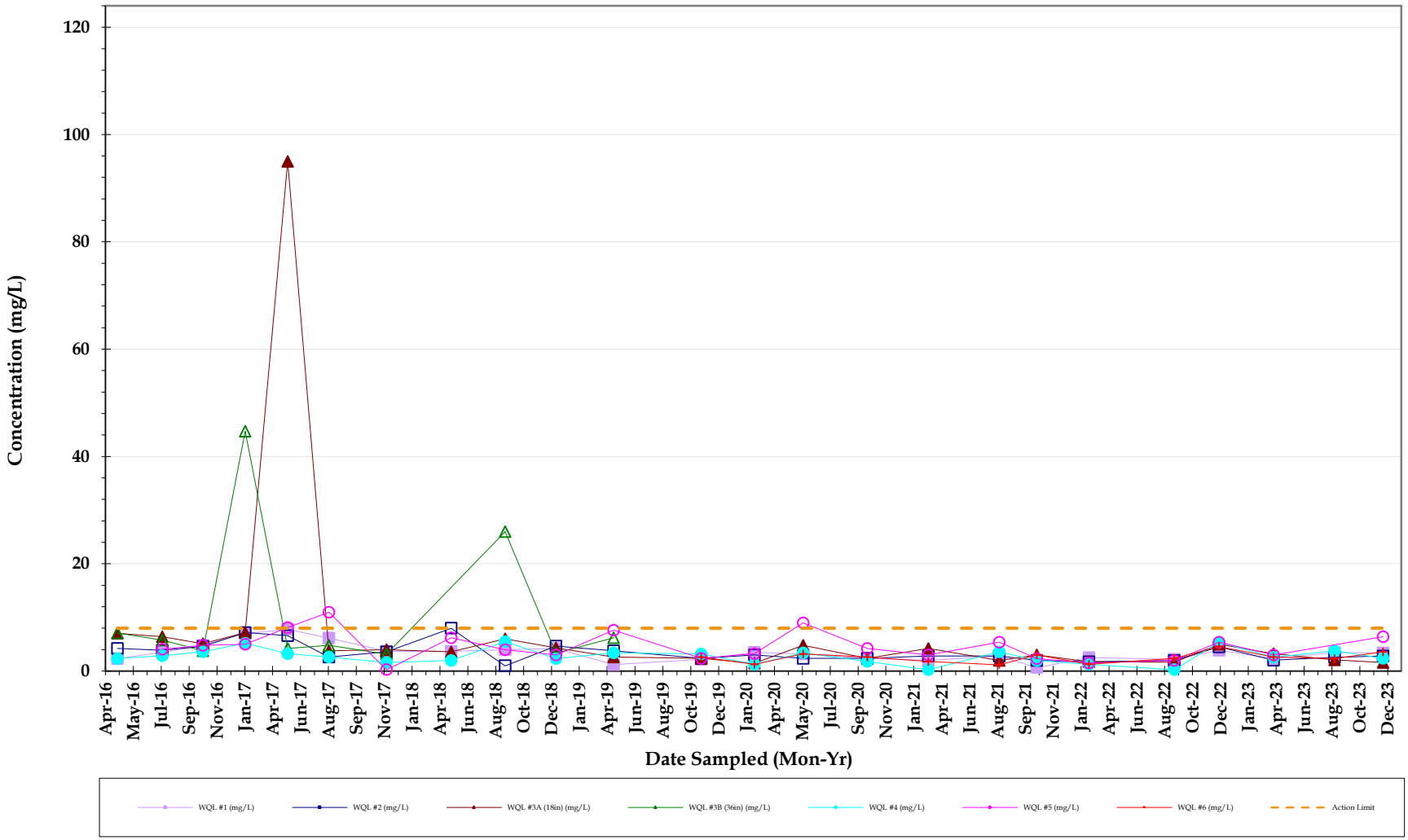


Total Phosphorus

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

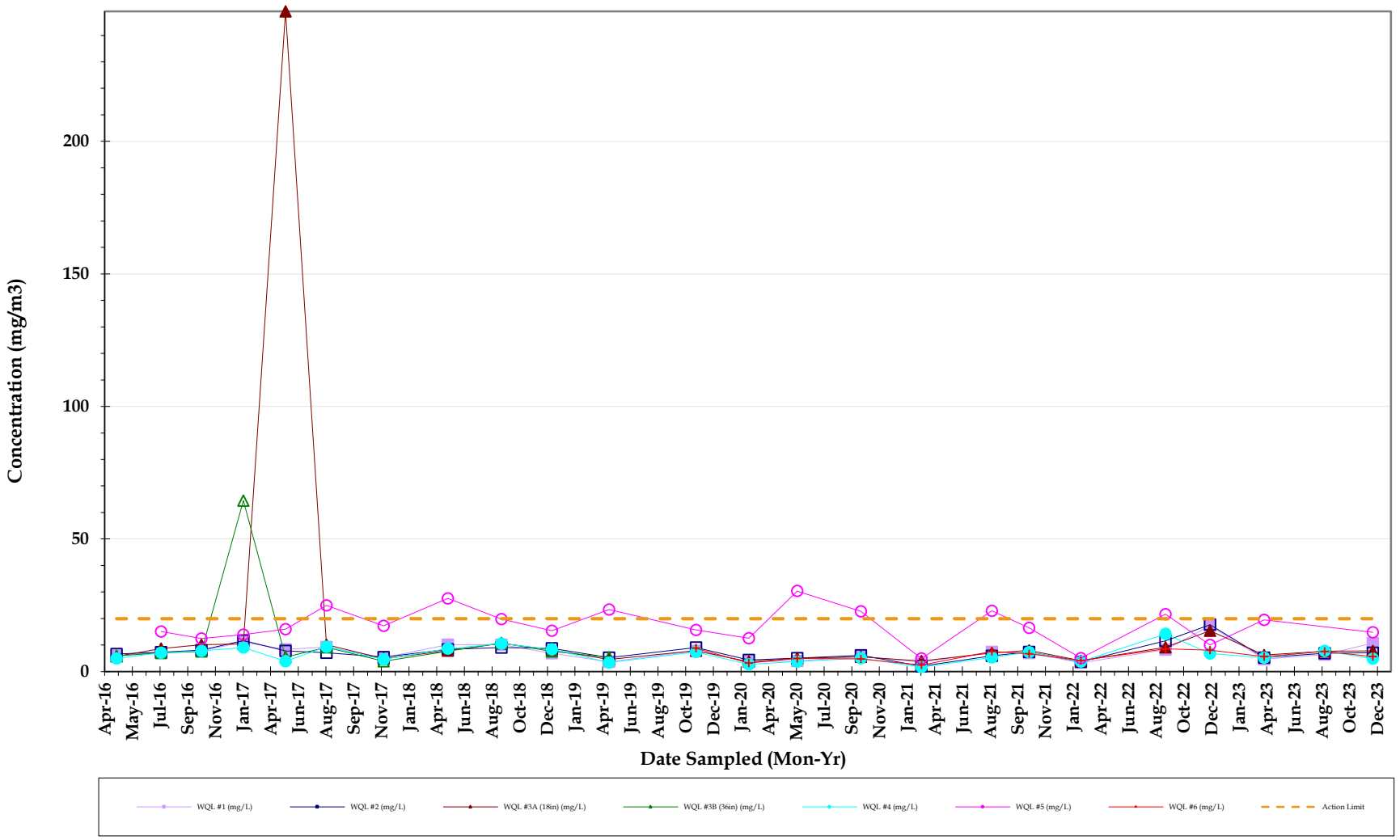


Total Suspended Solids

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

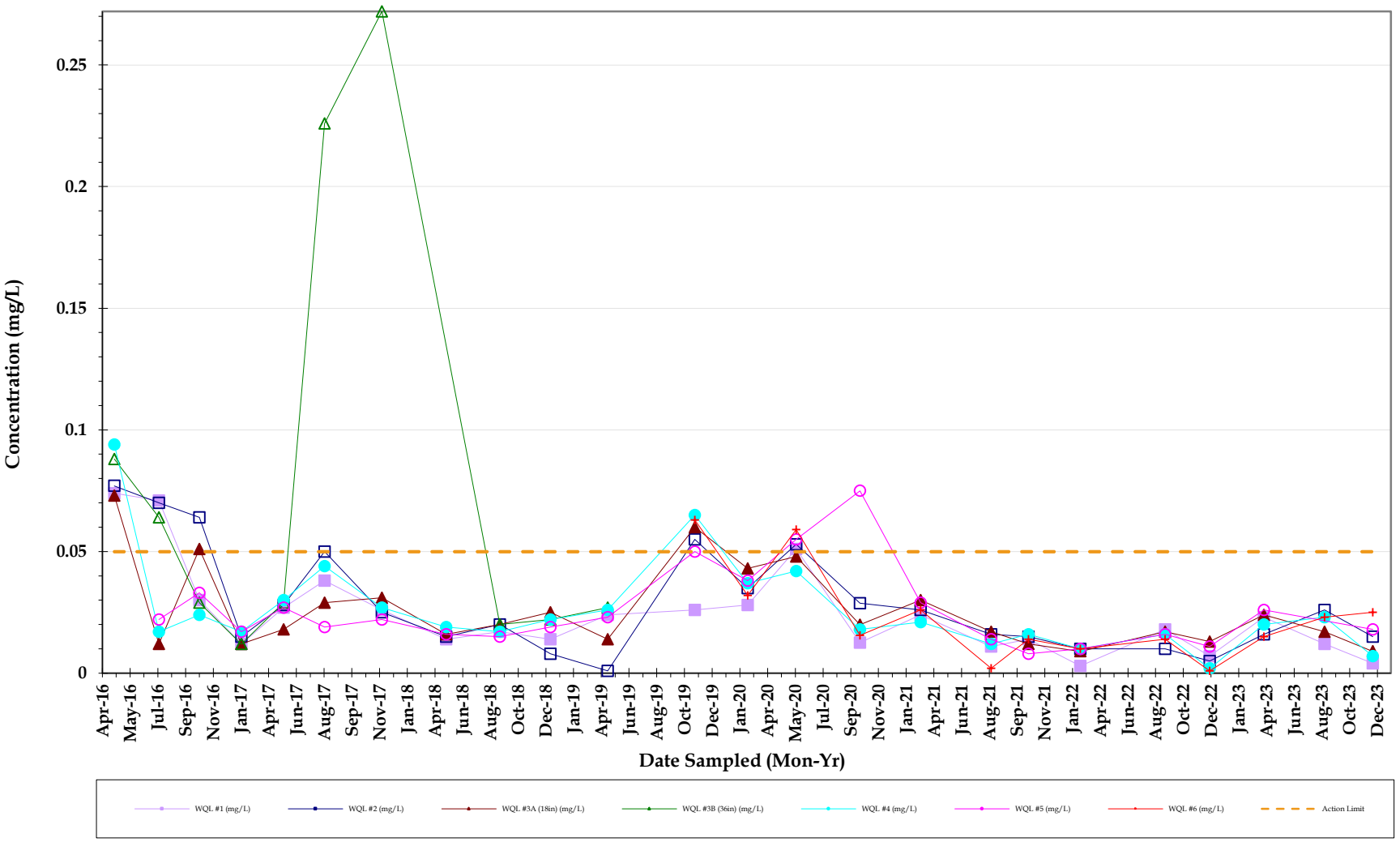


Chlorophyll *a*

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

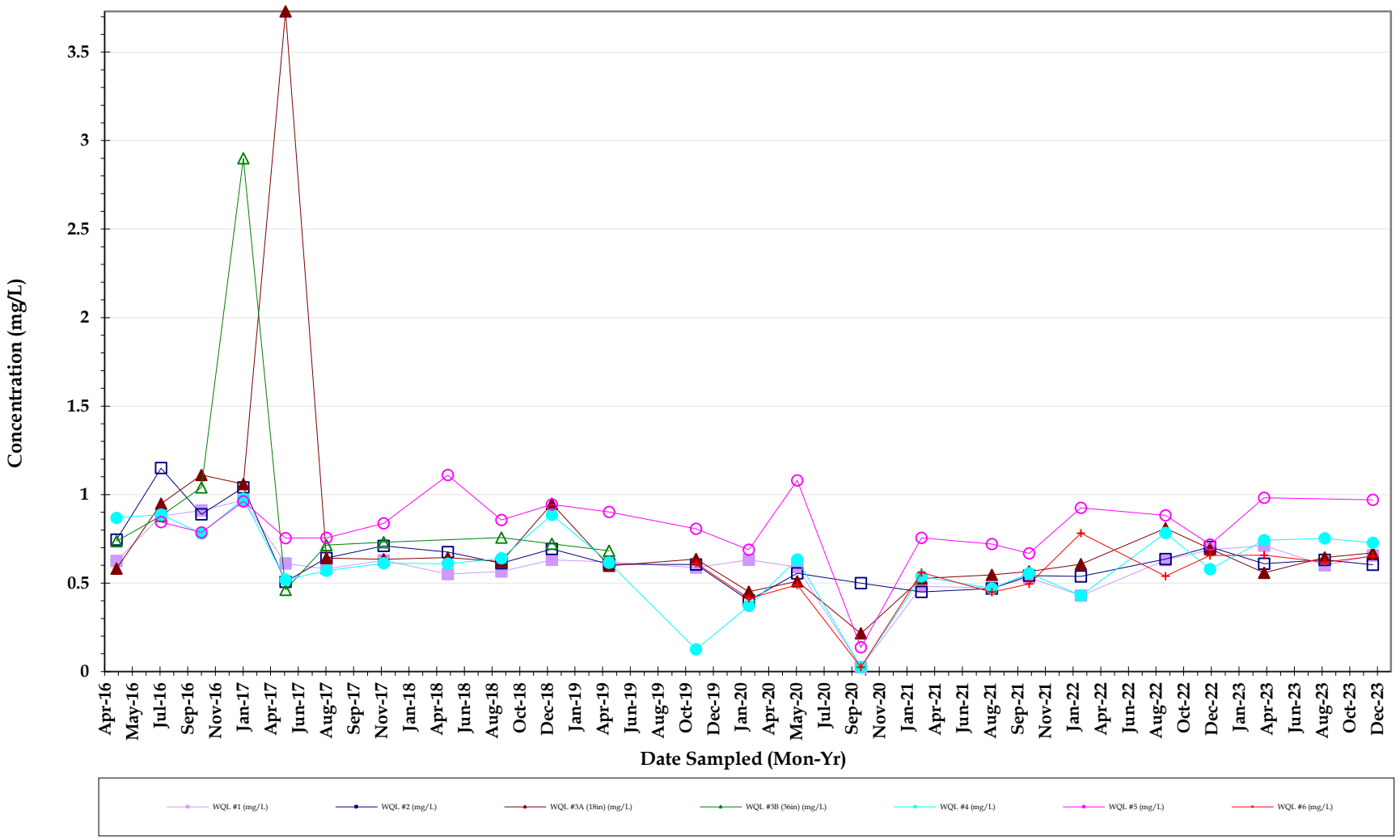


Orthophosphate

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

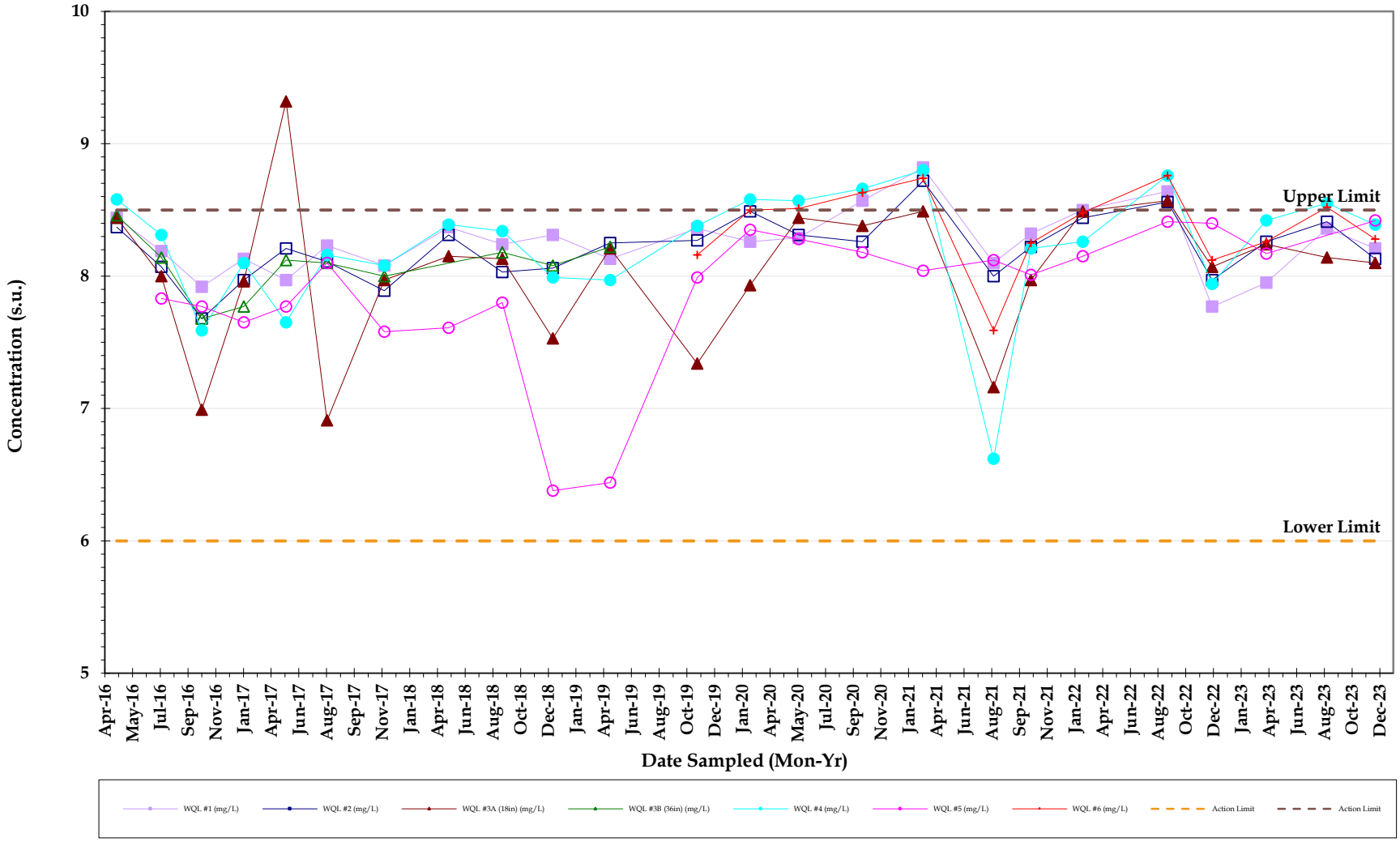


Total kjeldahl nitrogen (TKN)

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

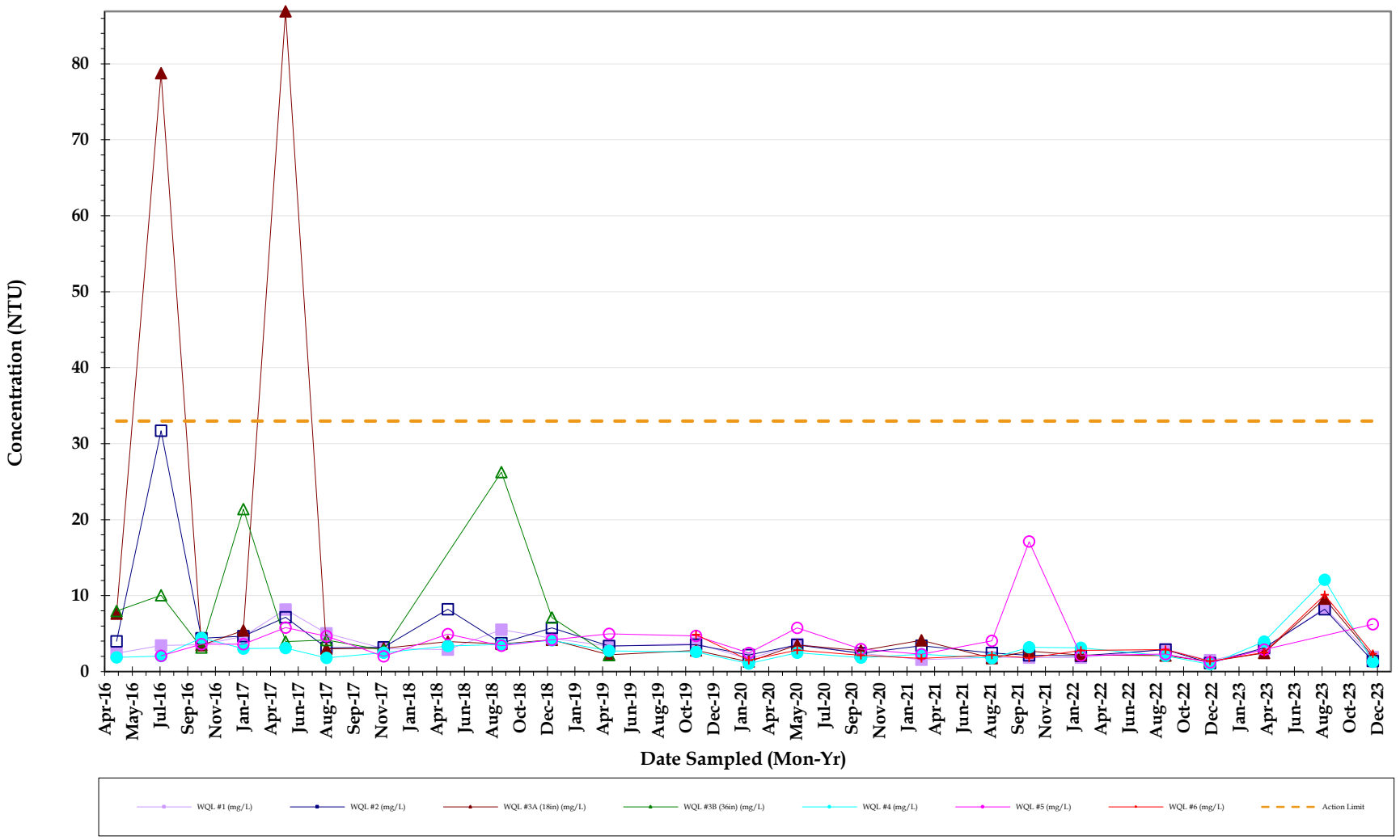


pH, Field

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

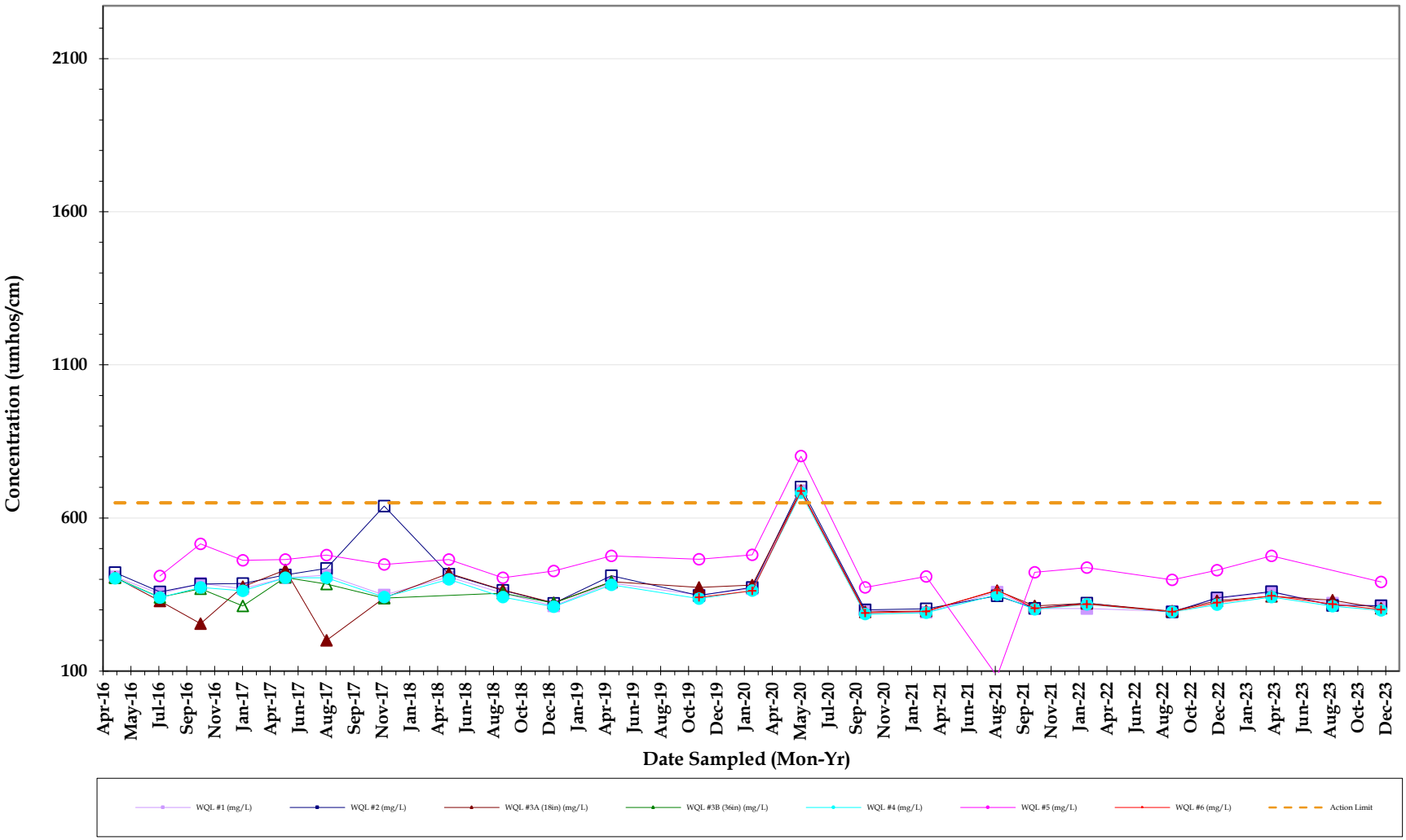


Turbidity

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

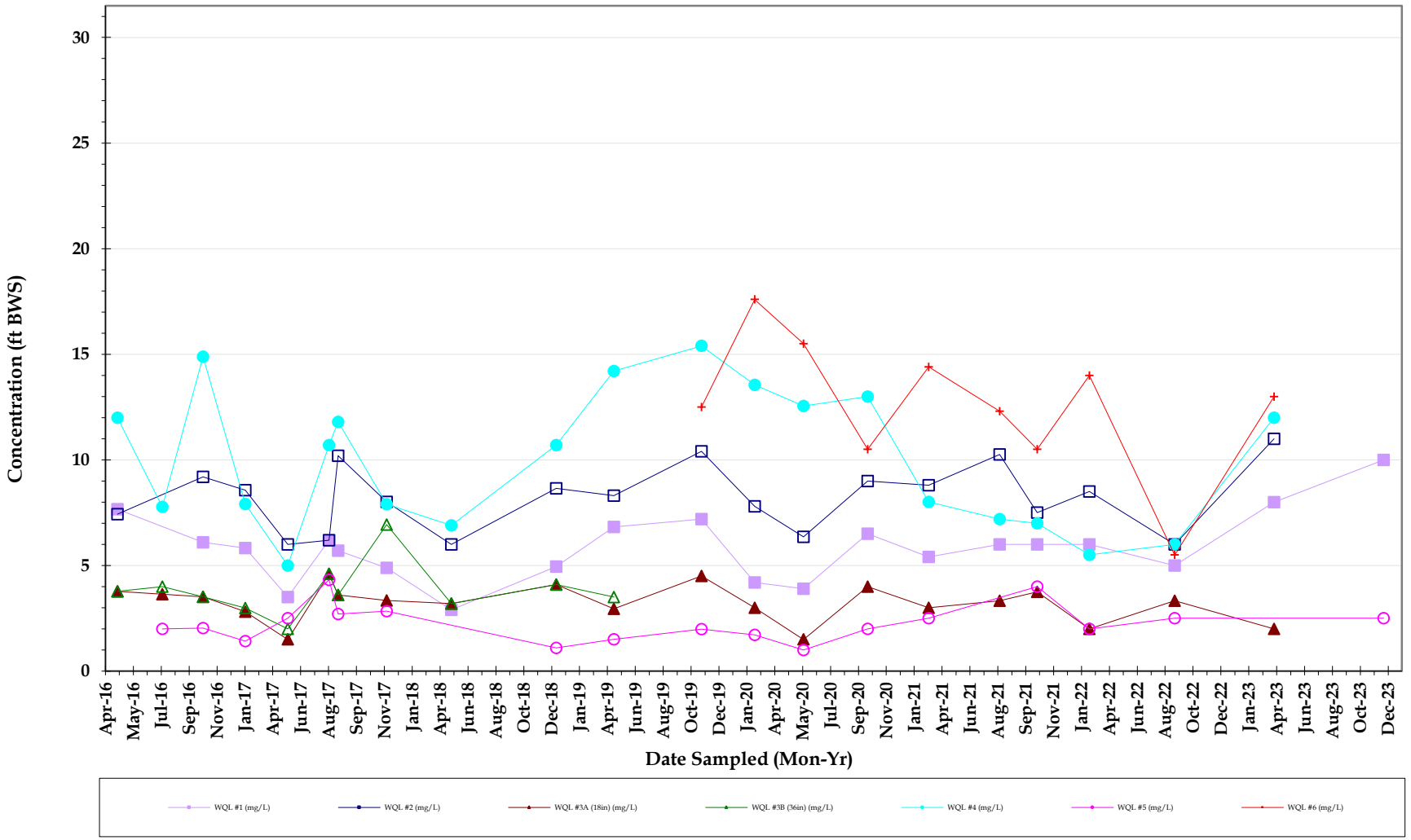


Conductivity

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

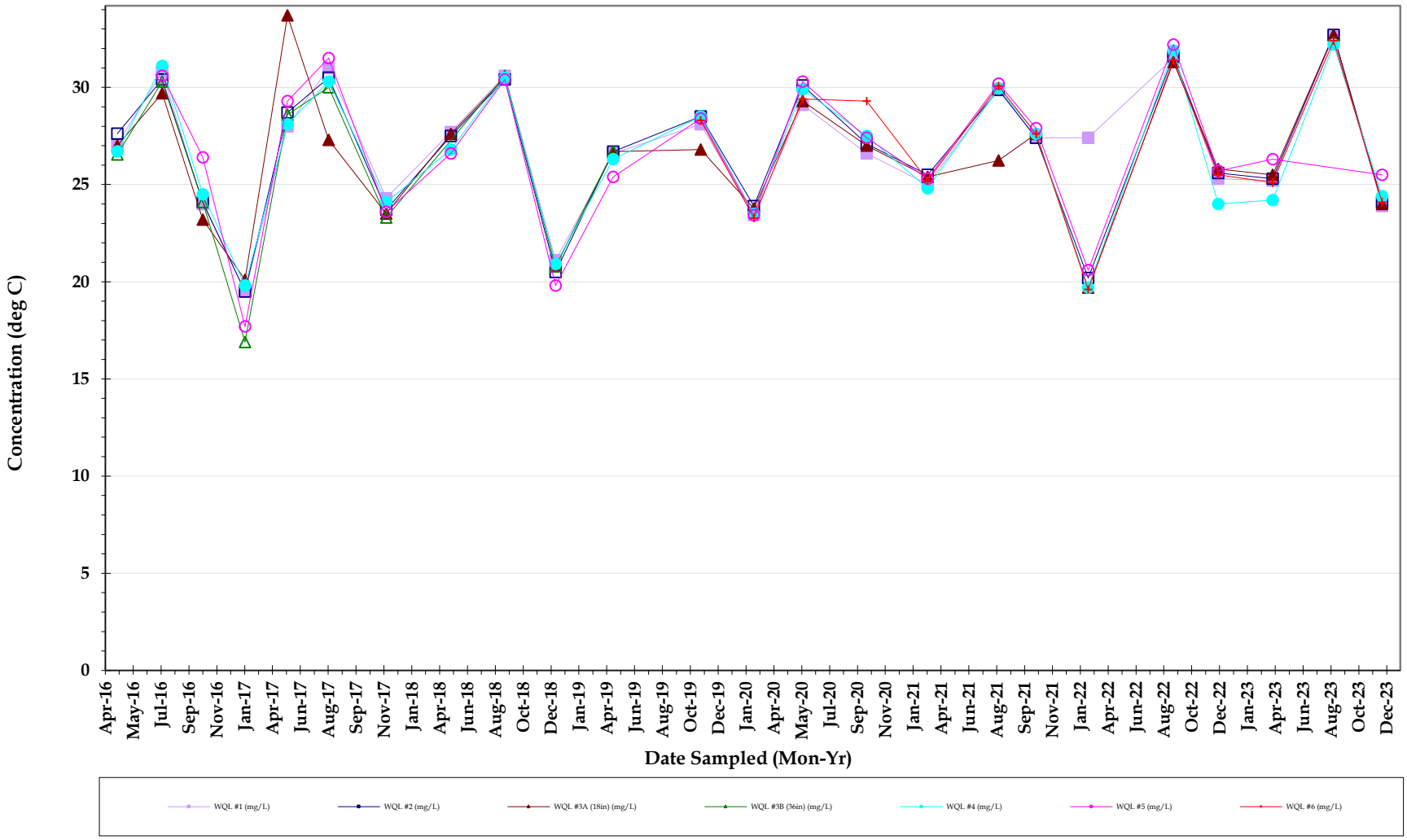


Water Depth

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023



Temperature, sample

Miromar Lakes

Water Quality Surface Water Sample results

NOVEMBER 2023

FDOH Certification #E84167

BENCHMARK EnviroAnalytical, Inc.

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 23111166

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

Project Name : MIROMAR LAKES SW SAMPLING
Date Received : 11/22/2023
Time Received : 14:12

Submission Number: 23111166
Sample Number: 001
Sample Description: WQL #1

Sample Date: 11/21/2023
Sample Time: 09:35
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	11/24/2023 17:44	LK
TOTAL KJELDAHL NITROGEN	0.656	MG/L	0.05	0.20	351.2	12/04/2023 16:36	JA
ORTHO PHOSPHORUS AS P	0.004 I	MG/L	0.002	0.008	365.3	11/22/2023 18:20	MA
TOTAL PHOSPHORUS AS P	0.010 I	MG/L	0.008	0.032	365.3	12/01/2023 11:35	JS
CHLOROPHYLL A	10.7	MG/M3	0.25	1.00	445.0	12/12/2023 9:30	MA
TOTAL SUSPENDED SOLIDS	3.40	MG/L	0.570	2.280	SM2540D	11/24/2023 09:57	IR
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	11/22/2023 14:56	LD/LD
NITRATE+NITRITE AS N	0.019 I	MG/L	0.006	0.024	SYSTEA EASY	11/24/2023 11:57	LK
TOTAL NITROGEN	0.675	MG/L	0.05	0.20	SYSTEA+351	12/04/2023 16:36	JA/LK

Submission Number: 23111166
Sample Number: 002
Sample Description: WQL #2

Sample Date: 11/21/2023
Sample Time: 11:50
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 I	MG/L	0.008	0.032	350.1	11/24/2023 18:06	LK
TOTAL KJELDAHL NITROGEN	0.603	MG/L	0.05	0.20	351.2	12/14/2023 11:52	JA
ORTHO PHOSPHORUS AS P	0.015	MG/L	0.002	0.008	365.3	11/22/2023 18:20	MA
TOTAL PHOSPHORUS AS P	0.028 I	MG/L	0.008	0.032	365.3	11/30/2023 10:18	JS
CHLOROPHYLL A	7.16	MG/M3	0.25	1.00	445.0	12/12/2023 9:30	MA
TOTAL SUSPENDED SOLIDS	2.80	MG/L	0.570	2.280	SM2540D	11/24/2023 09:57	IR
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	11/22/2023 14:56	LD/LD
NITRATE+NITRITE AS N	0.025	MG/L	0.006	0.024	SYSTEA EASY	11/24/2023 11:58	LK
TOTAL NITROGEN	0.628	MG/L	0.05	0.20	SYSTEA+351	12/14/2023 11:52	JA/LK

1711 12th Street East * Palmetto, FL 34221 * Phone (941) 723-9986 * Fax (941) 723-6061

Submission Number: 23111166
Sample Number: 003
Sample Description: WQL #3

Sample Date: 11/21/2023
Sample Time: 10:50
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	11/24/2023 18:30	LK
TOTAL KJELDAHL NITROGEN	0.671	MG/L	0.05	0.20	351.2	12/05/2023 18:54	JA
ORTHO PHOSPHORUS AS P	0.009	MG/L	0.002	0.008	365.3	11/22/2023 18:20	MA
TOTAL PHOSPHORUS AS P	0.016 I	MG/L	0.008	0.032	365.3	12/01/2023 11:36	JS
CHLOROPHYLL A	7.78	MG/M3	0.25	1.00	445.0	12/12/2023 9:30	MA
TOTAL SUSPENDED SOLIDS	1.60 I	MG/L	0.570	2.280	SM2540D	11/24/2023 09:57	IR
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	11/22/2023 14:56	LD/LD
NITRATE+NITRITE AS N	0.018 I	MG/L	0.006	0.024	SYSTEA EASY	11/24/2023 11:58	LK
TOTAL NITROGEN	0.689	MG/L	0.05	0.20	SYSTEA+351	12/05/2023 18:54	JA/LK

Submission Number: 23111166
Sample Number: 004
Sample Description: WQL #4

Sample Date: 11/21/2023
Sample Time: 10:00
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	11/24/2023 18:55	LK
TOTAL KJELDAHL NITROGEN	0.728	MG/L	0.05	0.20	351.2	12/14/2023 11:54	JA
ORTHO PHOSPHORUS AS P	0.007 I	MG/L	0.002	0.008	365.3	11/22/2023 18:20	MA
TOTAL PHOSPHORUS AS P	0.031 I	MG/L	0.008	0.032	365.3	11/29/2023 16:26	JS
CHLOROPHYLL A	4.91	MG/M3	0.25	1.00	445.0	12/12/2023 9:30	MA
TOTAL SUSPENDED SOLIDS	2.40	MG/L	0.570	2.280	SM2540D	11/24/2023 09:57	IR
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	11/22/2023 14:56	LD/LD
NITRATE+NITRITE AS N	0.020 I	MG/L	0.006	0.024	SYSTEA EASY	11/24/2023 11:59	LK
TOTAL NITROGEN	0.748	MG/L	0.05	0.20	SYSTEA+351	12/14/2023 11:54	JA/LK

Submission Number: 23111166
Sample Number: 005
Sample Description: WQL #5

Sample Date: 11/21/2023
Sample Time: 12:55
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	11/24/2023 19:36	LK
TOTAL KJELDAHL NITROGEN	0.970	MG/L	0.05	0.20	351.2	12/14/2023 11:55	JA
ORTHO PHOSPHORUS AS P	0.018	MG/L	0.002	0.008	365.3	11/22/2023 18:20	MA
TOTAL PHOSPHORUS AS P	0.022 I	MG/L	0.008	0.032	365.3	11/30/2023 14:29	JS
CHLOROPHYLL A	14.8	MG/M3	0.25	1.00	445.0	12/12/2023 9:30	MA
TOTAL SUSPENDED SOLIDS	6.40	MG/L	0.570	2.280	SM2540D	11/24/2023 09:57	IR
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	11/22/2023 14:56	LD/LD

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NITRATE+NITRITE AS N	0.019 I	MG/L	0.006	0.024	SYSTEA EASY	11/24/2023 11:59	LK
TOTAL NITROGEN	0.989	MG/L	0.05	0.20	SYSTEA+351	12/14/2023 11:55	JA/LK

Submission Number: 23111166
Sample Number: 006
Sample Description: WQL #6

Sample Date: 11/21/2023
Sample Time: 10:30
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	11/24/2023 17:21	LK
TOTAL KJELDAHL NITROGEN	0.652	MG/L	0.05	0.20	351.2	12/14/2023 11:56	JA
ORTHO PHOSPHORUS AS P	0.025	MG/L	0.002	0.008	365.3	11/22/2023 18:20	MA
TOTAL PHOSPHORUS AS P	0.031 I	MG/L	0.008	0.032	365.3	11/30/2023 10:20	JS
CHLOROPHYLL A	5.67	MG/M3	0.25	1.00	445.0	12/12/2023 9:30	MA
TOTAL SUSPENDED SOLIDS	3.80	MG/L	0.570	2.280	SM2540D	11/24/2023 09:57	IR
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	11/22/2023 14:56	LD/LD
NITRATE+NITRITE AS N	0.020 I	MG/L	0.006	0.024	SYSTEA EASY	11/24/2023 12:00	LK
TOTAL NITROGEN	0.672	MG/L	0.05	0.20	SYSTEA+351	12/14/2023 11:56	JA/LK

Haley Rin — 12/20/2023

Dr. Dale D. Dixon Laboratory Director — Date

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 lab filtered at E85086 on 11/22/23 at 0811.

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

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 Haydon (Connor.Haydon@ghd.com)
2022 PO# 34043123

Kit Shipped to client via UPS Standard in 1 large cooler

jessica.walsh@ghd.com
lori.codlage@ghd.com

Chain of Custody Form: Miromar Lakes SW Sampling

Project Number: 11225022-01 Profile: 840, QC Report

Laboratory Submission #: 23111166 com

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 11/22/23 0811	
			1.1mL 1:4 H_2SO_4 pH<2 ☑ Lot # 23-14	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: 11/21/23	935			1
WQL #2	Grab	SW	Date/Time:	1150			2
WQL #3	Grab	SW	Date/Time:	1050			3
WQL #4	Grab	SW	Date/Time:	1000			4
WQL #5	Grab	SW	Date/Time:	1255			5
WQL #6	Grab	SW	Date/Time:	1030			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: 0.4°C
BEAS Temp. 4.5°C

1	Collector & Affiliation: (Print & Sign) GHD Jessica Walsh	Date: 11/21/23	Time: 1532	Received By & Affiliation: (Print & Sign) Connor Haydon	Date: 11/21/23	Time: 1532
2	Relinquished By & Affiliation: (Print & Sign) Connor Haydon GHD	Date: 11/21/23	Time: 1533	Received By & Affiliation: (Print & Sign) Melinda Merchant - BEAS	Date: 11/21/23	Time: 1533
3	Relinquished By & Affiliation: (Print & Sign) Melinda Merchant - BEAS	Date: 11/22/23	Time: 1141	Received By & Affiliation: (Print & Sign) Steven Nelder BEA	Date: 11/22/23	Time: 1141
4	Relinquished By & Affiliation: (Print & Sign) Steven Nelder BEA	Date: 11/22/23	Time: 1141	Received By & Affiliation: (Print & Sign) Kara McGowan BEA	Date: 11/22/23	Time: MR
5	Relinquished By & Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time:

BENCHMARK
EnviroAnalytical, Inc.

NELAP Certification #E84167

Submission Number: 23111166

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
23111153 - 001	701775	350.1	AMMONIA NITROGEN	11/24/2023 17:25	LR		44.700	48.200	5.38		
		350.1	AMMONIA NITROGEN	11/24/2023 18:02	MB	0.00	0.000				
23111166 - 002	701811	350.1	AMMONIA NITROGEN	11/24/2023 18:06	SPK	1.00	0.010			0.928	92.0
		350.1	AMMONIA NITROGEN	11/24/2023 15:08	STD	1.00	0.983				98.3
23111154 - 001	701778	351.2	TOTAL KJELDAHL NITROGEN	12/04/2023 12:24	LR		898.000	936.000	2.94		
		351.2	TOTAL KJELDAHL NITROGEN	12/04/2023 16:23	MB	0.00	0.000				
23110995 - 002	701447	351.2	TOTAL KJELDAHL NITROGEN	12/04/2023 13:24	SPK	2.00	0.860			2.960	105.0
		351.2	TOTAL KJELDAHL NITROGEN	12/04/2023 16:29	STD	2.50	2.260				90.4
23111134 - 001	701725	365.3	ORTHO PHOSPHORUS AS P	11/22/2023 12:45	LR		0.230	0.224	1.84		
		365.3	ORTHO PHOSPHORUS AS P	11/22/2023 12:40	MB	0.00	0.000				
23111134 - 002	701726	365.3	ORTHO PHOSPHORUS AS P	11/22/2023 13:39	SPK	0.20	0.560			0.750	95.0
		365.3	ORTHO PHOSPHORUS AS P	11/22/2023 13:03	STD	0.20	0.195				97.3
23110653 - 002	700816	365.3	TOTAL PHOSPHORUS AS P	11/30/2023 15:28	LR		0.014	0.013	1.06		
		365.3	TOTAL PHOSPHORUS AS P	11/30/2023 11:40	MB	0.00	0.000				
23110913 - 001	701297	365.3	TOTAL PHOSPHORUS AS P	11/30/2023 12:25	SPK	0.20	0.131			0.337	103.0
		365.3	TOTAL PHOSPHORUS AS P	11/30/2023 12:16	STD	0.20	0.190				95.0
23111157 - 04B	701796	445.0	CHLOROPHYLL A	12/12/2023 9:30	LR		4.459	4.510	0.76		
		445.0	CHLOROPHYLL A	12/12/2023 09:30	MB	0.00	0.000				
23111064 - 001	701614	SM2540D	TOTAL SUSPENDED SOLIDS	11/24/2023 09:57	LR		112.000	104.000	5.24		
		SM2540D	TOTAL SUSPENDED SOLIDS	11/24/2023 09:57	MB	0.00	0.000				
		SM2540D	TOTAL SUSPENDED SOLIDS	11/24/2023 09:57	STD	951.00	928.000				97.6
23111247 - 001	701928	SM5210B	BIOCHEMICAL OXYGEN DEMAND	11/22/2023 14:56	LR		872.000	867.000	0.41		0.0
		SM5210B	BIOCHEMICAL OXYGEN DEMAND	11/22/2023 14:56	MB	0.00	0.000				
23111149 - 002	701766	SYSTEA EASY	NITRATE+NITRITE AS N	11/24/2023 11:47	LR		8.330	8.190	1.25		
		SYSTEA EASY	NITRATE+NITRITE AS N	11/24/2023 11:45	MB	0.00	0.000				

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
23111149 - 002	701766	SYSTEA EASY	NITRATE+NITRITE AS N	11/24/2023 12:23	SPK	2.00	6.400			8.330	96.5
		SYSTEA EASY	NITRATE+NITRITE AS N	11/24/2023 11:54	STD	0.25	0.260				104.0

Comments:

Data Compliance Report

January 11, 2024

To	Mr. Bruce Bernard Manager of Field Operations Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316	**Contact No.**	716-205-1977
Copy to	File	**Email**	Sheri.Finn@ghd.com
From	Sheri Finn/eew/31	**Project No.**	11225022
Project Name	Miromar Lakes Surface Water Sampling		
Subject	Analytical Results Compliance Report Surface Water Quality Monitoring Miromar Lakes Fort Myers, Florida November 2023		

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 November 2023 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

SURFACE WATER FIELD SHEET
Station Information

STATION ID: WQL #1

LOCATION: upstream of bridge

DATE/TIME: 11/21/23 935

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: 10.0 (feet) (Average of 2 measurements) Sample Depth: 1.0 (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#** — **Field Measurements Read By:** (initials)

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
935	1.0	8.21	6.82	82.0	23.9	312	1.91
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: N/A

Samples immediately placed on ice? (Yes) No

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

PERSONNEL ON SITE: Connor H. Jessie W

REMARKS: Sample collected upstream @ bridge

Secchi disk: 2.0 ft

SURFACE WATER FIELD SHEET
Station Information

STATION ID: WQL # 2

LOCATION: @ buoy

DATE/TIME: 11/21/23 1150

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: 1.0 (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#** — **Field Measurements Read By:** (initials)

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1150	1.0	8.13	7.04	83.9	24.1	314	1.40
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: NA

Samples immediately placed on ice? (Yes) No

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

PERSONNEL ON SITE: Connor H., Jessie W.

REMARKS: Sample collected @ buoy

Secchi disk visibility: 4.0 ft

SURFACE WATER FIELD SHEET
Station Information

STATION ID: WQL #3

LOCATION: near metal weir

DATE/TIME: 11/21/23 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) Sample Depth: 1.0 (feet)
(Average of 2 measurements)

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#** **Field Measurements Read By:** (initials)

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1050	1.0	8.10	6.82	81.0	24.0	305	2.02
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: N/A

Samples immediately placed on ice? Yes No

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

PERSONNEL ON SITE: Connor H. Jessie W

REMARKS: Sample collected near metal weir

Secchi disk visibility 3.5 ft

SURFACE WATER FIELD SHEET
Station Information

STATION ID: WQL #4

LOCATION: adjacent to buoy

DATE/TIME: 11/21/23 1000

ALL TIMES ARE: (EST) 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#** **Field Measurements Read By:** (initials)

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1000	4.0	8.39	7.99	95.2	24.4	298	1.30
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: N/A

Samples immediately placed on ice? (Yes) No

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

PERSONNEL ON SITE: Connor H, Jessie W.

REMARKS: Sample collected @ buoy in middle of lake
Secchi disk, 4.0
Total depth unable to be measured due to current pulling weight.

SURFACE WATER FIELD SHEET
Station Information

STATION ID: WQL #5

LOCATION: just upstream of outfall

DATE/TIME: 11/21/23 1255

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: 2.5 (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#** — **Field Measurements Read By:** (initials)

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1255	2.5	8.42	6.67	81.3	25.5	390.8	6.24
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: N/A

Samples immediately placed on ice? Yes / No

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

PERSONNEL ON SITE: Connor H., Jessie W.

REMARKS: ~~Samp~~ water flowing over weir

SURFACE WATER FIELD SHEET
Station Information

STATION ID: WQL #6

LOCATION: @ buoy

DATE/TIME: 11/21/23 1030

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) — (circled)
- 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: 1.0 (feet)

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

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

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

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

Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
1030	1.0	8.28	7.52	90.0	24.1	300.8	2.36
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: N/A

Samples immediately placed on ice? (Yes) / No

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

PERSONNEL ON SITE: Connor H, Jessica W

REMARKS: Sample collected @ buoy

secchi disk visibility: 3.5 ft

SOLITUDE
LAKE MANAGEMENT

Miromar Lakes CDD
Waterway Inspection Report

Reason for Inspection: Routine Scheduled

Inspection Date: 2024-01-29

Prepared for:

Miromar Lakes CDD
10160 Miromar Lakes Blvd.
Fort Myers, Florida 33913

Prepared by:

Bailey Hill, Aquatic Specialist

FORT MYERS FIELD OFFICE
SOLITUDELAKEMANAGEMENT.COM
888.480. LAKE (5253)

TABLE OF CONTENTS

Site: 1A

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Some minor growth of chara observed, continue to monitor and treat as needed.

Action Required:

Re-inspect next visit

Target:

Muskgrass

Site: 1B

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 1C

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 2A

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Minor surface algae observed in the littorals, monitor and treat as needed.

Action Required:

Routine maintenance next visit

Target:

Surface algae

Site: 3A

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 3B

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 3C

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 6A

Comments:

Normal growth observed

Continue to spot treat growth in the littorals. Algae and submersed are controlled.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6B

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 6C

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 6D

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 6E

Comments:

Normal growth observed

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Some algae around the perimeter, monitor and treat as needed.

Action Required:

Routine maintenance next visit

Target:

Surface algae

Site: 6F

Comments:

Treatment in progress

Shoreline weeds are dying off from treatment. Will follow up to determine if additional treatment is needed. Thalia is beginning to go dormant due to colder weather.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6G

Comments:

Requires attention

Littorals need selective treatment for torpedograss and vines. Treatment for hydrilla was effective. Surface algae has improved.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6H

Comments:

Normal growth observed

Spot treat torpedograss and pennywort in littorals. Algae and submersed vegetation are at levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6I

Comments:

Normal growth observed

Spot treat torpedograss growth. Cattails along preserve were effectively treated. Thalia is browning and beginning to go dormant due to colder weather.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6J

Comments:

Requires attention

Grasses have shown improvement since last inspection, western corner needs additional treatment. Needs treatment for baby tears in southern end.

Action Required:

Re-inspect next visit

Target:

Submersed vegetation

Site: 6K

Comments:

Normal growth observed

Water sprite was effectively treated. Patches of torpedograss outside of the littorals will need to be treated by boat. Algae and submersed are controlled.

Action Required:

Routine maintenance next visit

Target:

Torpedograss

Site: 6L

Comments:

Requires attention

Needs treatment for torpedograss in open areas. Some algae observed in the littorals, monitor and treat as needed.

Action Required:

Re-inspect next visit

Target:

Torpedograss

Site: 6M

Comments:

Requires attention

Littorals need selective treatment for torpedograss and pennywort. Algae and submersed vegetation are at controlled levels. Dye application was effective.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6N

Comments:

Normal growth observed

Shoreline is well maintained, some torpedograss around the perimeter appears to be dying off. Minimal algae in littorals, overall dye application was effective.

Action Required:

Routine maintenance next visit

Target:

Torpedograss

Site: 6O

Comments:

Normal growth observed

Treatment for shoreline weeds was effective. New native beneficial recruitment observed. Continue to observe improvements.

Action Required:

Re-inspect next visit

Target:

Shoreline weeds

Site: 6P

Comments:

Normal growth observed

Shoreline is well maintained. Minimal growth noted. Algae and submersed vegetation are at controlled levels. Dye application continues to be effective.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 6R

Comments:

Requires attention

Littorals need to spot treated for torpedograss and vines. Treatment for planktonic algae was effective. Continue to monitor and treat as needed.

Action Required:

Re-inspect next visit

Target:

Shoreline weeds

Site: 5/6-1

Comments:

Normal growth observed

Shoreline is well maintained, spot treat minimal growth. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Shoreline weeds

Site: 5/6-2

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 5/6-3

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels.

Action Required:

Routine maintenance next visit

Target:

Species non-specific

Site: 5/6-4

Comments:

Site looks good

Shoreline is well maintained. Algae and submersed vegetation are at controlled levels. Some growth of valisneria observed around the perimeter.

Action Required:

Routine maintenance next vis

Target:

Species non-specific

Management Summary

Observations and Action Items:

- Overall the lakes are in good condition. The golf course is well maintained and only minor algae accumulation was observed. Lakes 6F, 6J, 6G, 6L, 6M, and 6R in the CDD need attention for shoreline weeds. Targets include: torpedograss, vines, and pennywort. Submersed growth was minimal overall with the exception of the larger lake. Most of the work conducted this month focused on Lake Como.

- Dye applications in lake 6G, 6F, 6M, 6N, and 6P were effective. No planktonic algae blooms were observed during this inspection.

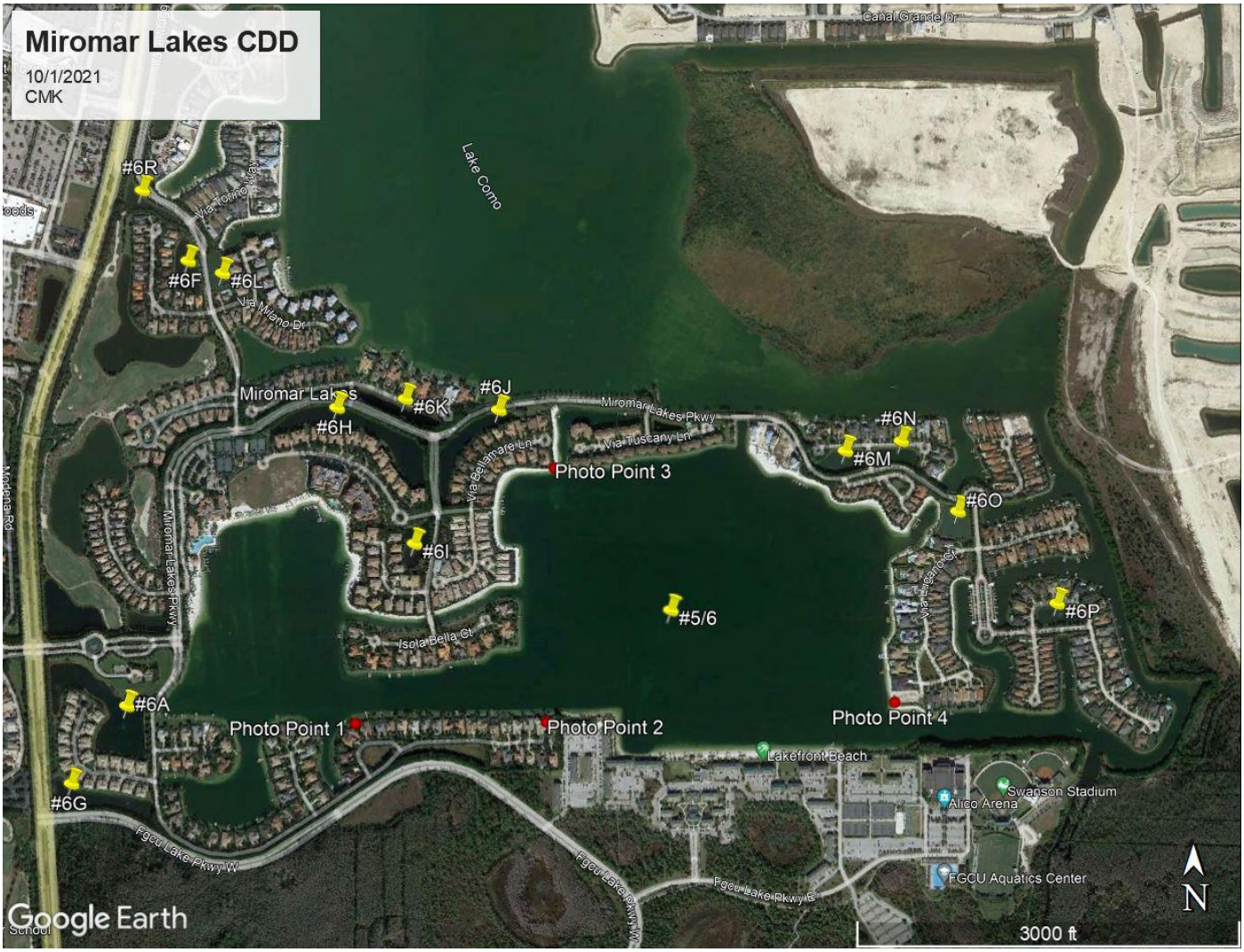
- Now that the season has transitioned out of the summer/rainy season it is likely that the littorals will begin to enter into winter dormancy. This is triggered by lower temperatures, less rain and/or sunlight. There may be an increase in brown coloration and a thinning of littorals during this time. This is a normal part of the littoral life cycle, dormancy usually lasts until the spring.

- The next quality control report will be due April 2024. A section for lakes 3D and 3E will be included in the next report.

- 3D has received multiple treatments for the gulf spikerush. The technician will continue to treat the gulf spikerush every two weeks until control is gained.

- 3E needs additional treatment for shoreline weeds in the littorals. Sonar treatment to target submersed vegetation will be conducted in March.

Site	Comments	Target	Action Required
1A	Normal growth observed	Muskgrass	Re-inspect next visit
1B	Site looks good	Species non-specific	Routine maintenance next visit
1C	Site looks good	Species non-specific	Routine maintenance next visit
2A	Normal growth observed	Surface algae	Routine maintenance next visit
3A	Site looks good	Species non-specific	Routine maintenance next visit
3B	Site looks good	Species non-specific	Routine maintenance next visit
3C	Site looks good	Species non-specific	Routine maintenance next visit
6A	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6B	Site looks good	Species non-specific	Routine maintenance next visit
6C	Site looks good	Species non-specific	Routine maintenance next visit
6D	Site looks good	Species non-specific	Routine maintenance next visit
6E	Normal growth observed	Surface algae	Routine maintenance next visit
6F	Treatment in progress	Shoreline weeds	Routine maintenance next visit
6G	Requires attention	Shoreline weeds	Routine maintenance next visit
6H	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6I	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6J	Requires attention	Submersed vegetation	Re-inspect next visit
6K	Normal growth observed	Torpedograss	Routine maintenance next visit
6L	Requires attention	Torpedograss	Re-inspect next visit
6M	Requires attention	Shoreline weeds	Routine maintenance next visit
6N	Normal growth observed	Torpedograss	Routine maintenance next visit
6O	Normal growth observed	Shoreline weeds	Re-inspect next visit
6P	Normal growth observed	Shoreline weeds	Routine maintenance next visit
6R	Requires attention	Shoreline weeds	Re-inspect next visit
5/6-1	Normal growth observed	Shoreline weeds	Routine maintenance next visit
5/6-2	Site looks good	Species non-specific	Routine maintenance next visit
5/6-3	Site looks good	Species non-specific	Routine maintenance next visit
5/6-4	Site looks good	Species non-specific	Routine maintenance next visit


Miromar Lakes CDD
10/1/2021
CMK
Canal Grande Dr
Lake Como
#6R
Via Veneto Way
#6F
#6L
Via Milano Dr
Miromar Lakes
#6H
#6K
#6J
Miromar Lakes Pkwy
Via Tuscany Ln
Via Bellamare Ln
Photo Point 3
#6N
#6M
#6O
Modena Rd
Miromar Lakes Pkwy
#6I
#5/6
Via Positano Ct
#6P
Isola Bella Ct
#6A
Photo Point 1
Photo Point 2
Photo Point 4
Lakefront Beach
#6G
Swanson Stadium
Alico Arena
Fgcu Lake Pkwy W
Fgcu Lake Pkwy W
Fgcu Lake Pkwy E
FGCU Aquatics Center
Google Earth
3000 ft
N


Miromar Lakes CDD
10/1/2021
CMK
#6E
Miromar Lakes
#1B
#6D
#6C
#1C
#6B
#1A
Three Oaks
Three Oaks Pkwy
San Carlos Park
#2A
Pine Chase Rd
#3A
#3B
Ben Hill Griffin Pkwy
#3C
Google Earth
5000 ft
N

MEMO

To: ***Board of Supervisors***

From: ***James P. Ward***

Date: ***January 9, 2023***

Re: ***Commission on Ethics newly established Electronic Financial Disclosure Management System ("EFDMS") website registration, Financial Disclosure Forms, and Ethics Training.***

Beginning January 1, 2024, the Florida Commission on Ethics has enacted new procedures for electronic filing of Financial Disclosure forms for Public Officials, as a means of submitting Forms and updating your Filer contact information.

To access the newly established Electronic Financial Disclosure Management System ("EFDMS"), visit the login page (https://disclosure.floridaethics.gov/Account/Login) and watch the instructional video for directions on how to register/confirm registration.

If you have filed a Form 1 before, click "I am a Filer" and follow the prompts.

Instructions, FAQs, and tutorials are available from the dashboard within EFDMS. Additional assistance can be obtained Monday-Friday from 8:00 a.m. until 5:00 p.m. by contacting the Commission directly.

Financial disclosure forms are due on or before July 1, 2024 for the preceding calendar year. A grace period is in effect until September 1. If the disclosure is not filed or postmarked by September 1, an automatic fine of $25 per day will begin to accrue and will continue to build until the disclosure is filed, or the fine reaches $1,500.

If you have an annual filing requirement AND will be running for office as a qualified elector in November, then you will need to complete your disclosure in EFDMS and submit your filing electronically to the Commission, then print a verification/receipt for e-filing your form or print a copy of your disclosure to file with your Qualifying Officer packet.

It is imperative that each filer take the time to confirm their registration on the EFDMS site, in order to ensure that the Florida Commission on Ethics has updated and correct contact information. All communication about filing requirements and due dates for filers will be provided via email only. Filers MUST maintain a current email address in EFDMS. By law, failure to maintain a current email address will not qualify as an "unusual circumstance" during an appeal of an automatic fine for failure to timely file a Form.

If the annual form is not submitted via the electronic filing system created and maintained by the Florida Commission on Ethics by September 3, 2024, an automatic fine of $25 for each day late will be imposed, up to a maximum penalty of $1,500. Failure to file also can result in removal from public office [s. 112.3145, F.S.].

JPWard & Associates, LLC – 2301 Northeast 37th Street, Fort Lauderdale, Florida 33308 – Phone: 954-658-4900

In addition, failure to make any required disclosure constitutes grounds for and may be punished by one or more of the following: disqualification from being on the ballot, impeachment, removal or suspension from office, or a civil penalty not exceeding $10,000. [s. 112.317, F.S.].

Also beginning January 1, 2024, all elected local officers of independent special districts, including any person appointed to fill a vacancy on an elected special district board, whose service began on or before March 31st of the year for which you are filing, are now required to complete four (4) hours of Ethics Training each calendar year which addresses Article II, Section 8 of the Florida Constitution, the Code of Ethics for Public Officers and Employees, and the Public Records and Open Meetings laws of the State. You are required to certify on this form that you have taken such training.

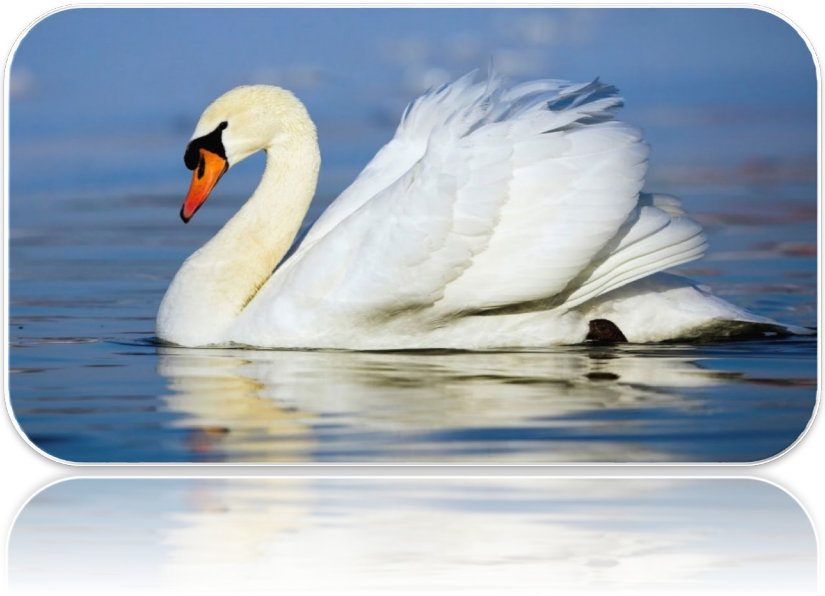
There is a check box on the Form 1 for Constitutional officers, elected Municipal Officers, and others to certify that they completed the required training. The training is a calendar year requirement and corresponds to the form year.

Constitutional officers elected Municipal Officers, and others should keep track of all ethics training they complete. Please do not send Certificates of Completion or letters verifying that you have received such training; the Commission does not track officers' completed hours. Officials may take training from any source they choose. Options to complete this training are available on the Commissions website: https://www.ethics.state.fl.us/Training/Training.aspx.

As always, if you have any questions regarding this information, please feel free to contact me directly at 954-658-4900.

JPWard & Associates, LLC – 2301 Northeast 37th Street, Fort Lauderdale, Florida 33308 – Phone: 954-658-4900

MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT



FINANCIAL STATEMENTS - JANUARY 2024

FISCAL YEAR 2024

PREPARED BY:

JPWARD & ASSOCIATES, LLC, 2301 NORTHEAST 37TH STREET, FORT LAUDERDALE, FL 33308

T: 954-658-4900 **E:** JimWard@JPWardAssociates.com

Miromar Lakes Community Development District

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JPWard & Associates, LLC

2301 NORTHEAST 37 STREET
FORT LAUDERDALE,
FLORIDA 33308

Miromar Lakes Community Development District
Balance Sheet
for the Period Ending January 31, 2024

	Governmental Funds					Account Groups		Totals (Memorandum Only)
		Debt Service Funds			Capital Projects Fund			
	General Fund	Series 2012	Series 2015	Series 2022	Series 2022	General Long Term Debt	General Fixed Assets	
Assets								
Cash and Investments								
General Fund - Invested Cash	$ 1,896,479	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,896,479
Debt Service Fund	-	-	-	-	-	-	-	-
Interest Account	-	-	-	0	-	-	-	0
Sinking Account	-	-	-	0	-	-	-	0
Reserve Account	-	-	452,250	-	-	-	-	452,250
Revenue	-	-	842,460	809,717	-	-	-	1,652,177
Prepayment Account	-	-	-	-	-	-	-	-
Escrow Fund Account	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Cost of Issuance	-	-	-	-	-	-	-	-
Due from Other Funds								
General Fund	-	-	-	-	-	-	-	-
Debt Service Fund(s)			-	-	-	-	-	-
Market Valuation Adjustments	-	-	-	-	-	-	-	-
Accrued Interest Receivable	-	-	-	-	-	-	-	-
Assessments Receivable	-	-	-	-	-	-	-	-
Accounts Receivable	-	-	-	-	-	-	-	-
Amount Available in Debt Service Funds	-	-	-	-	-	2,104,428	-	2,104,428
Amount to be Provided by Debt Service Funds	-	-	-	-	-	13,520,572	-	13,520,572
Investment in General Fixed Assets (net of depreciation)	-	-	-	-	-	-	36,514,917	36,514,917
Total Assets	**$ 1,896,479**	**$ -**	**$ 1,294,710**	**$ 809,717**	**$ -**	**$ 15,625,000**	**$ 36,514,917**	**$ 56,140,823**
Liabilities								
Accounts Payable & Payroll Liabilities	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Due to Other Funds								
General Fund	-	-	-	-	-	-	-	-
Debt Service Fund(s)	-	-	-	-	-	-	-	-
Other Developer	-	-	-	-	-	-	-	-
Bonds Payable								
Current Portion - Series 2012	-	-	-	-	-	0	-	-
Current Portion - Series 2015	-	-	-	-	-	510,000	-	510,000
Current Portion - Series 2022	-	-	-	-	-	635,000	-	635,000
Long Term - Series 2012	-	-	-	-	-	0	-	-
Long Term - Series 2015	-	-	-	-	-	8,140,000	-	8,140,000
Long Term - Series 2022	-	-	-	-	-	6,340,000	-	6,340,000
Total Liabilities	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 15,625,000**	**$ -**	**$ 15,625,000**
Fund Equity and Other Credits								
Investment in General Fixed Assets	-	-	-	-	-	-	36,514,917	36,514,917
Fund Balance	-	-	-	-	-	-	-	-
Restricted								
Beginning: October 1, 2023 (Unaudited)	-	690,801	965,334	164,130	-	-	-	1,820,265
Results from Current Operations	-	(690,801)	329,376	645,587	-	-	-	284,163
Unassigned								
Beginning: October 1, 2023 (Unaudited)	1,050,708	-	-	-	-	-	-	-
Allocation of Fund Balance								
System-Wide Reserves	753,682	-	-	-	-	-	-	753,682
Reserve For First Three Months Operations	297,025	-	-	-	-	-	-	297,025
Results of Current Operations	845,771	-	-	-	-	-	-	845,771
Total Fund Equity and Other Credits	**$ 1,896,479**	**$ 0**	**$ 1,294,710**	**$ 809,717**	**$ -**	**$ -**	**$ 36,514,917**	**$ 40,515,823**
Total Liabilities, Fund Equity and Other Credits	**$ 1,896,479**	**$ 0**	**$ 1,294,710**	**$ 809,717**	**$ -**	**$ 15,625,000**	**$ 36,514,917**	**$ 56,140,823**

Miromar Lakes Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2024

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources							
Carryforward	$ -	$ -	$ -	$ -	-	-	N/A
Interest							
Interest - General Checking	-	-	-	-	-	-	N/A
Special Assessment Revenue							
Special Assessments - On-Roll	2,741	220,479	616,438	38,200	877,857	1,007,091	87%
Special Assessments - Off-Roll	45,253	-	-	45,253	90,505	181,010	50%
Miscellaneous Revenue	-	-	-	-	-	-	N/A
Easement Encroachments	-	-	-	-	-	-	N/A
Intragovernmental Transfer In	-	-	-	-	-	-	N/A
Total Revenue and Other Sources:	**$ 47,993**	**$ 220,479**	**$ 616,438**	**$ 83,452**	**968,362**	**$ 1,188,102**	**82%**
Expenditures and Other Uses							
Legislative							
Board of Supervisor's - Fees	1,000	1,000	1,000	1,000	4,000	12,000	33%
Board of Supervisor's - Taxes	77	77	77	77	306	918	33%
Executive							
Professional Management	3,500	3,500	3,500	3,500	14,000	42,000	33%
Financial and Administrative							
Audit Services	-	-	3,800	-	3,800	4,500	84%
Accounting Services	-	-	750	750	1,500	-	N/A
Assessment Roll Services	1,500	1,500	9,750	750	13,500	18,000	75%
Arbitrage	-	-	500	-	500	1,000	50%
Bond Re-amortization	-	-	-	-	-	-	N/A
Other Contractual Services							
Legal Advertising	-	-	252	-	252	1,200	21%
Trustee Services	-	-	-	-	-	9,300	0%
Dissemination	-	-	-	-	-	-	N/A
Bond Amortization Schedules	-	-	-	-	-	-	N/A
Property Appraiser/Tax Collector Fees	-	1,291	-	-	1,291	1,300	99%
Bank Services	-	-	-	-	-	250	0%
Travel and Per Diem	-	-	-	-	-	-	N/A
Communications & Freight Services							
Postage, Freight & Messenger	70	362	70	250	752	300	251%
Insurance	17,300	-	-	-	17,300	8,100	214%
Printing & Binding	-	-	-	-	-	300	0%
Website Maintenance	-	-	-	-	-	1,200	0%
Office Supplies	-	-	-	-	-	-	N/A
Subscription & Memberships	-	175	-	-	175	175	100%
Legal Services							
Legal - General Counsel	-	215	508	-	723	18,000	4%
Legal - Encroachments	-	-	-	-	-	-	N/A
Other General Government Services							
Engineering Services - General Services	-	-	-	833	833	7,000	12%
Asset Maps/Cost Estimates	-	-	-	-	-	-	N/A

Miromar Lakes Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2024

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Asset Administrative Services	-	833	833	390	2,057	10,000	21%
Reserve Analysis	-	-	-	-	-	-	N/A
Encroachment Agreements	-	-	-	-	-	-	N/A
Contingencies	-	-	-	-	-	-	N/A
Sub-Total:	**23,447**	**8,952**	**21,040**	**7,550**	**60,989**	**135,543**	**45%**
Stormwater Management Services							
Professional Services							
Asset Management	-	3,833	3,833	3,833	11,500	46,000	25%
NPDES	-	1,551	-	-	1,551	3,500	44%
Mitigation Monitoring	-	-	-	-	-	-	N/A
Stormwater Management Services							
Water MGT - Debris Removal	-				-	-	N/A
Utility Services							
Electric - Aeration Systems	299	539	579	603	2,020	5,000	40%
Repairs & Maintenance							
Lake System							
Aquatic Weed Control	-	5,350	-	5,350	10,700	80,000	13%
Lake Bank Maintenance	-	735	-	-	735	2,500	29%
Water Quality Testing	-	-	4,660	-	4,660	19,000	25%
Water Control Structures	-	9,000	-	-	9,000	28,000	32%
Grass Carp Installation	-	-		-	-	-	N/A
Litoral Shelf Barrier/Replanting	-	-	-	-	-	-	N/A
Cane Toad Removal	-	3,200	2,900	2,800	8,900	37,000	24%
Midge Fly Control	-	-	-	723	723	35,000	2%
Aeration System	-	804	-	-	804	8,000	10%
Fish Re-Stocking	-	695	-	-	695	98,000	1%
Contingencies	-				-	15,375	0%
Wetland System							
Routine Maintenance	-	3,607	-	3,607	7,214	54,000	13%
Water Quality Testing	-	-	-	-	-	-	N/A
Contingencies	-				-	2,700	0%
Capital Outlay							
Aeration Systems	-	-	-	-	-	-	N/A
Littortal Shelf Replanting/Barrier	-	-	-	-	-	-	N/A
Lake Bank Restoration	-	900	-	250	1,150	108,500	1%
Turbidity Screens	-	-	-	-	-	-	N/A
Erosion Restoration	-	-	600	600	1,200	-	N/A
Video Stormwater Pipes/Repairs	-	250	250	250	750	52,000	1%
Contingencies	-	-	-	-	-	-	N/A
Sub-Total:	**299**	**30,465**	**12,823**	**18,016**	**61,602**	**594,575**	**10%**
Other Current Charges							
Hendry County - Panther Habitat Taxes	-	-	-	-	-	-	N/A
Payroll Expenses	-	-	-	-	-	-	N/A
Reserves for General Fund							

Miromar Lakes Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2024

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Capital/Operations	-	-	-	-	-	417,700	0%
Sub-Total:	**-**	**-**	**-**	**-**	**-**	**417,700**	**0%**
Total Expenditures and Other Uses:	**$ 23,746**	**$ 39,417**	**$ 33,862**	**$ 25,566**	**$ 122,591**	**$ 1,147,818**	**11%**
Net Increase/ (Decrease) in Fund Balance	24,248	181,062	582,575	57,886	845,771	40,284	
Fund Balance - Beginning	1,050,708	1,074,955	1,256,017	1,838,593	1,050,708	1,050,708	
Fund Balance - Ending	**$ 1,074,955**	**$ 1,256,017**	**$ 1,838,593**	**$ 1,896,479**	**1,896,479**	**$ 1,090,991**	

Miromar Lakes Community Development District
Debt Service Fund - Series 2015 Bonds
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2024

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources							
Carryforward	$ -	$ -	$ -	$ -	-	$ -	N/A
Interest Income							
Reserve Account	1,836	1,903	1,848	1,909	7,497	12,000	62%
Interest Account	-	-	-	-	-	-	N/A
Sinking Fund Account	-	-	-	-	-	-	N/A
Prepayment Account	-	-	-	-	-	-	N/A
Revenue Account	2,070	2,175	1,302	2,536	8,082	20	40411%
Special Assessment Revenue							
Special Assessments - On-Roll	1,615	129,922	363,250	22,510	517,297	593,699	87%
Special Assessments - Off-Roll	-	-	-	-	-	325,534	0%
Special Assessments - Prepayments	-	-	-	-	-	-	N/A
Net Inc (Dec) Fair Value Investments	-	-	-	-	-	-	N/A
Operating Transfers In (From Other Funds)	-	-	-	-	-	-	N/A
Bond Proceeds	-	-	-	-	-	-	N/A
Total Revenue and Other Sources:	**$ 5,520**	**$ 134,000**	**$ 366,400**	**$ 26,955**	**$ 532,876**	**$ 931,253**	N/A
Expenditures and Other Uses							
Debt Service							
Principal Debt Service - Mandatory							
Series 2015 Bonds	-	-	-	-	-	$ 510,000	0%
Principal Debt Service - Early Redemptions							
Series 2015 Bonds	-		-	-	-	-	N/A
Interest Expense							
Series 2015 Bonds	-	203,500	-	-	203,500	407,250	50%
Original Issue Discount	-	-	-	-	-		N/A
Operating Transfers Out (To Other Funds)	-	-	-	-	-	-	N/A
Total Expenditures and Other Uses:	**$ -**	**$ 203,500**	**$ -**	**$ -**	**203,500**	**$ 917,250**	N/A
Net Increase/ (Decrease) in Fund Balance	5,520	(69,500)	366,400	26,955	329,376	14,003	
Fund Balance - Beginning	965,334	970,854	901,355	1,267,755	965,334	-	
Fund Balance - Ending	**$ 970,854**	**$ 901,355**	**$ 1,267,755**	**$ 1,294,710**	**1,294,710**	**$ 14,003**	

Miromar Lakes Community Development District
Debt Service Fund - Series 2022 Bonds
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2024

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources							
Carryforward	$ -	$ -	$ -	$ -	-	$ -	N/A
Interest Income							
Reserve Account	-	-	-	-	-	-	N/A
Interest Account	0	0	-	-	0	-	N/A
Sinking Fund Account	-	-	-	-	-	-	N/A
Prepayment Account	-	-	-	-	-	-	N/A
Revenue Account	701	749	362	2,152	3,963	-	N/A
Escrow Fund Account	-	-	-	-	-	-	N/A
Special Assessment Revenue							
Special Assessments - On-Roll	2,266	182,285	509,652	31,582	725,786	833,182	87%
Special Assessments - Off-Roll	-	-	-	-	-	-	N/A
Special Assessments - Prepayments	-	-	-	-	-	-	N/A
Net Inc (Dec) Fair Value Investments	-	-	-	-	-	-	N/A
Operating Transfers In (From Other Funds)	-	-	-	-	-	-	N/A
Total Revenue and Other Sources:	**$ 2,967**	**$ 183,034**	**$ 510,014**	**$ 33,734**	**$ 729,749**	**$ 833,182**	N/A
Expenditures and Other Uses							
Debt Service							
Principal Debt Service - Mandatory							
Series 2022 Bonds	-	-	-	-	-	$ 635,000	N/A
Principal Debt Service - Early Redemptions							
Series 2022 Bonds	-	-	-	-	-	-	N/A
Interest Expense							
Series 2022 Bonds	-	84,162	-	-	84,162	168,324	N/A
Original Issue Discount	-	-	-	-	-	-	N/A
Operating Transfers Out (To Other Funds)	-	-	-	-	-	-	N/A
Total Expenditures and Other Uses:	**$ -**	**$ 84,162**	**$ -**	**$ -**	**84,162**	**$ 803,324**	N/A
Net Increase/ (Decrease) in Fund Balance	2,967	98,872	510,014	33,734	645,587	29,858	
Fund Balance - Beginning	164,130	167,097	265,969	775,983	164,130	-	
Fund Balance - Ending	**$ 167,097**	**$ 265,969**	**$ 775,983**	**$ 809,717**	**809,717**	**$ 29,858**	