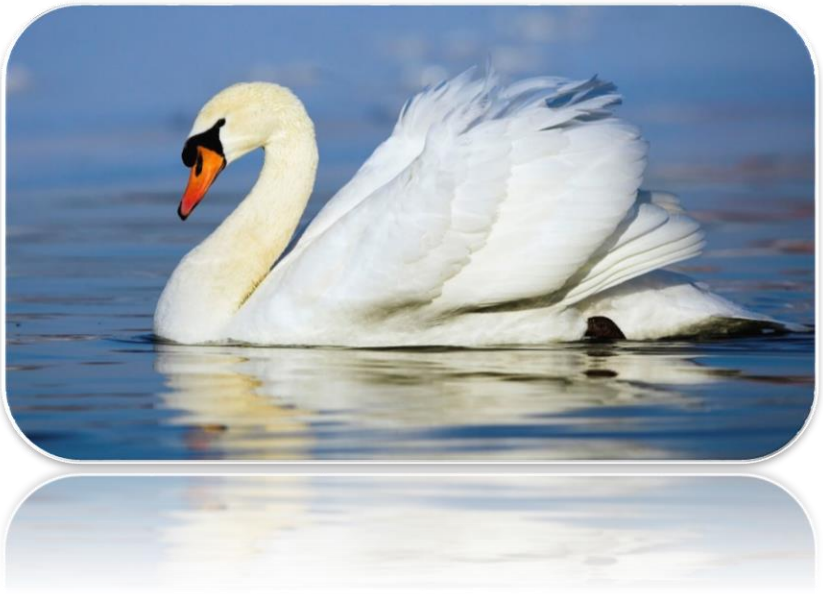
WENTWORTH ESTATES COMMUNITY DEVELOPMENT DISTRICT



AGENDA

FEBRUARY 10, 2022

PREPARED BY:

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

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

WENTWORTH ESTATES COMMUNITY DEVELOPMENT DISTRICT

February 3, 2022

Board of Supervisors

Wentworth Estates Community Development District

Dear Board Members:

The regular meeting of the Board of Supervisors of the Wentworth Estates Community Development District will be held on **Thursday, February 10, 2022,** at **8:30 A.M.** at the **Treviso Bay Clubhouse, 9800 Treviso Bay Boulevard, Naples, Florida 34113.**

The following WebEx link and telephone number are provided to join/watch the meeting**:**
https://districts.webex.com/districts/onstage/g.php?MTID=e60f49ec36918043867e8cb4b627437b8
Access Code: **2336 860 8781,** Event password: Jpward
Phone: **408-418-9388** and enter the access code **2336 860 8781** to join the meeting.

Agenda

1. Call to Order & Roll Call.

2. Consideration of Minutes:
   I. January 13, 2022 – Regular Meeting.

3. Consideration of **Resolution 2022-3**, a Resolution of the Wentworth Estates Community Development District amending the Fiscal Year 2022 budget which began on October 1, 2021 and ending on September 30, 2022.

4. Staff Reports
   I. District Attorney.
   II. District Engineer.
      a) Stormwater Reporting Requirements.
   III. District Asset Manager.
      a) Water Quality Report October 2021
      b) Operations Report February 1, 2022.
   IV. District Manager.
      a) Financial Statements for period ending January 31, 2021 (unaudited).

5. Supervisor's Requests and Audience Comments

6. Announcement of Next Meeting – March 10, 2022.

7. Adjournment

The second Order of Business is the Consideration of the January 13, 2022, Regular Meeting Minutes.

The third order of business is the consideration of **Resolution 2022-3**, a resolution of Board amending the Fiscal Year 2022 Budget which began on October 1, 2021, and ends on September 30, 2022.

The fourth order of business are Staff Reports by the District Attorney, District Engineer, and the District Manager. The District Manager will report on Financial Statements (unaudited) for the period ending January 31, 2022.

The remainder of the agenda is standard in nature. In the meantime, if you have any questions and/or comments before the meeting, please do not hesitate to contact me directly at (954) 658-4900.

Sincerely,

Wentworth Estates Community Development District

James P Ward

James P. Ward
District Manager

Meetings for Fiscal Year 2022 are as follows:

February 10, 2022	March 10, 2022
April 14, 2022	May 12, 2022
June 9, 2022	July 14, 2022
August 11, 2022	September 8, 2022

MINUTES OF MEETING
WENTWORTH ESTATES
COMMUNITY DEVELOPMENT DISTRICT

The Regular Meeting of the Board of Supervisors of Wentworth Estates Community Development District was held on Thursday, January 13, 2022, at 8:30 a.m., at the Treviso Bay Clubhouse, 9800 Treviso Bay Boulevard, Naples, Florida 34113.

Present and constituting a quorum:

Joe Newcomb	Chairperson
Robert Cody	Vice Chairperson
Steve Barger	Assistant Secretary
Joanne Lekas	Assistant Secretary
Andrew Gasworth	Assistant Secretary

Also present were:

James P. Ward	District Manager
Greg Urbancic	District Attorney
Bruce Bernard	Assets Manager
Tony Grau	Grau and Associates
Andrew Gill	
Mike Conner	

Audience:

Scott Bertrand	Treviso Bay Master Association
Ed Callahan	Treviso Bay Golf Association
Joe Lawson	

All resident's 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.

PORTIONS OF THIS MEETING WERE TRANSCRIBED VERBATIM. ALL VERBATIM PORTIONS WERE TRANSCRIBED IN *ITALICS*.

PORTIONS OF THIS MEETING WERE CONDUCTED OUT OF ORDER OF THE AGENDA AT THE DIRECTION OF THE DISTRICT MANAGER AND THE AGREEMENT OF THE BOARD. THE MEETING WAS TRANSCRIBED IN THE ORDER OF THE AGENDA.

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

District Manager James P. Ward called the meeting to order at approximately 8:30 a.m. He conducted roll call; all Members of the Board were present, constituting a quorum.

SECOND ORDER OF BUSINESS Consideration of Minutes

August 12, 2021 – Regular Meeting

Mr. Ward stated the second order of business was consideration of the Minutes. He asked if there were any additions, corrections, or deletions to these Minutes; hearing none, he called for a motion.

> **On MOTION made by Mr. Andrew Gasworth, seconded by Ms. Joanne Lekas, and with all in favor, the August 12, 2021, Regular Meeting Minutes were approved as corrected.**

THIRD ORDER OF BUSINESS Consideration of Resolution 2022-1

Consideration of Resolution 2022-1, a resolution of the Board of Supervisors of Wentworth Estates Community Development District supplementing Resolution No. 2018-3 (as may have been previously modified and supplemented), which resolution previously equalized, approved, confirmed, imposed, and levied Special Assessments on and peculiar to property specially benefited (apportioned fairly and reasonably) by the District's projects: (i) approving and adopting Wentworth Estates Community Development District Summary of Bond Refunding report dated August 30, 2021; (ii) Adopting and confirming an Assessment Roll; (iii) ratifying the actions of the Chairman and Staff related to the District's Special Assessment Refunding Bonds, Series 2021; and (iv) providing for the recording of a Notice of Series 2021 Special Assessments

Mr. Ward: Essentially, if you recall, in August of last year, we refinanced your prior series of bonds to achieve lower interest rates. They were done in August in order to ensure we were able to get those lower assessment rates on the tax bills that all residents received in November. That was accomplished and there was significant savings as a result of those bonds. What this resolution does is simply equalize and approve the final assessment levels, both the par debt on all outstanding lots and what we call maximum annual debt service, which is the amount that all residents pay on their tax bills on a yearly basis for the capital portion of the assessment that we have in place. Attached to the resolution is primarily my report that outlined the restructuring of the bonds themselves and the par debt on all of the lots that are here within Treviso Bay.

Mr. Greg Urbancic: That was a good summary. It's just a long history of how we got to this point and the primary purpose is to adopt this summary report regarding what the assessment levels would be.

Mr. Ward asked if there were any questions; hearing none, he called for a motion.

> **On MOTION made by Mr. Joe Newcomb, seconded by Mr. Andrew Gasworth, and with all in favor, Resolution 2022-1 was adopted, and the Chair was authorized to sign.**

FOURTH ORDER OF BUSINESS Consideration of Resolution 2022-2

Consideration of Resolution 2022-2, a resolution of the Board amending the Fiscal Year 2022 Budget which began on October 1, 2021, and ends on September 30, 2022

Mr. Ward: This is a companion item to Item 3. What we are doing is amending the Budget that we adopted prior to the issuance of the bonds last year to now coincide with what we are doing on the new bond issue, and you actually will be able to see on Page 1, at the bottom, the new assessment rates for what we call the debt service fund, but which is your capital assessment for Treviso Bay. He asked if there were any questions; hearing none, he called for a motion.

On MOTION made by Mr. Steve Barger, seconded by Mr. Andrew Gasworth, and with all in favor, Resolution 2022-2 was adopted, and the Chair was authorized to sign.

FIFTH ORDER OF BUSINESS Consideration of Audited Financial Statements

Consideration of the Audited Financial Statements for Fiscal Year 2021, which ended September 30, 2021

Mr. Ward: These audited financial statements were prepared by Grau and Associates and covered the period from October 1, 2020 through September 30, 2021. He explained no representative from Grau and Associates was present; therefore, this Item would be deferred until the next meeting.

Following discussion of the landscaping enhancements, Mr. Ward indicated Mr. Grau called into the meeting and this Item could now be discussed.

Mr. Tony Grau with Grau and Associates reviewed the Audited Financial Statements for the Fiscal Year ended September 30, 2021. He reported the audit opinion was on page 1 and 2 and reflected a clean opinion with respect to the financial statements and disclosures of the CDD. He indicated there was a new item in the audit report, Additional Information, which was required by the Auditor General. He stated the management discussion and analysis was a recap of the financial activity during the Fiscal Year. He indicated page 4 showed a condensed statement of net position with comparative numbers between 2021 and 2020 which was fairly consistent. He noted page 5 was the income statement (changes in net position) with comparative numbers to 2020; investments went up, and as the bonds were refunded there were bond issue costs which would not reoccur. He reported the financial statements were next and included the statement of net position. He stated following this was the statement of activities which was the income statement for the government wide financial statements. He reported after that was the funds' financial statements (general, debt service, and capital project funds). He stated the income statement was on page 11 and showed the assessments, expenditures, and debt service. He stated page 13 began the footnotes to the financial statements which were consistent with the prior year. He indicated on page 19 were the capital assets which showed appreciation during the year. He stated Note 6, on page 20, had all the information about the bonds: the 2018 bonds were refunded in 2021; long term debt activity reflected the 2018 bonds being eliminated and the addition of the new 2021 bonds. He reported next was the budget to actual statement on page 22, then on page 24 was the new information required by Florida Statute. He stated the remainder of the report contained the various reports required under government auditing

standards and by the Auditor General. He noted there were no findings and only clean opinions. He asked if there were any questions.

Mr. Newcomb: On page 29, number 5, it says the District has not met one or more of the financial emergency conditions described in section …

Mr. Ward: That's a double negative. Those are the words that they are required to use. It just means we did good. We didn't do anything that would put the District in a state of financial emergency. It's the stupidest sentence I've ever read in my entire career, but it's the required words pursuant to the statute.

Mr. Grau: Yeah, if there was a problem it wouldn't be worded this way. Basically, if there was a financial emergency, for example if you don't pay your bonds, or you don't pay your vendors within a certain time period. That's what that is referring to.

Mr. Newcomb: On the statement of revenues, page 11, it shows a net change in fund balance for the general fund of roughly $180,000 dollars. Does that mean that we ended up with $180,000 dollars more in cash than we started with?

Mr. Ward: Yes.

Mr. Ward asked if there were any questions; hearing none, he called for a motion.

On MOTION made by Mr. Steve Barger, seconded by Mr. Andrew Gasworth, and with all in favor, the Audited Financial Statements for the Fiscal Year ended September 30, 2021, were accepted for purposes of inclusion in the record.

SIXTH ORDER OF BUSINESS Consideration of Landscaping Enhancements

Consideration of the landscaping enhancements and electrical lighting improvements to the District by Calvin, Giordano, and Associates, Inc.

Following discussion of the Asset Manager's Staff Report, Mr. Conner called in, so this Item could now be discussed.

Mr. Bernard: As you know, we have a project we want to look at in the preserve south of Via Veneto. The pictures show some of the back areas that are behind Via Veneto where for some reason over time the preserve trees died and were never replaced. These people put together a plan which is on the right side, to replant slash pines and cabbage palms in that area. There are like 3 or 4 homes back there that would fill that preserve back in and make it a preserve, not just an area with sand. That was one of our first proposals.

Mr. Newcomb: I went and looked at it and they are definitely bare back there. I guess my big concern is, is that really a dedicated turtle preserve? There are a lot of gopher tortoises back there.

Mr. Ward: In Florida, the way the state law currently works, to the extent they are there, they are automatically preserved as a result of the law. If you want to relocate them, you literally have to relocate them somewhere else, provide another location where they can survive. So, if it's in the community, then it is kind of just there.

Mr. Newcomb: But the thinking is this would not disturb any nests or whatever?

Mr. Conner: Of course not. It is more just areas that are kind of barren. They don't have as much vegetation as some of the other areas. And being close to some of the homes, trying to fill it in with more of the same natural plants, native Florida plants, such as the slash pine and cabbage palms that are already there. In addition, some of the shrub material would be fakahatchee grass and pink muhly grass which again are native grasses that are already there. It's just filling in and putting more in there, so that it looks more complete, and it doesn't look as patchy.

Mr. Newcomb: Just for information, the only people who are going to see this is the 6 or 7 houses that are right there. Unless, I'm assuming, it's legal to walk back in that preserve. Is that correct?

Discussion ensued regarding whether it was legal to walk in this preserve area.

Mr. Conner: There is part of the area if you look at the plan to the far left side, there is kind of a walkway that goes through the community. Those areas to the left are more visible to the public. The ones to the right are more behind people's houses. Most of the other areas are pretty full looking, so these are the areas we thought, again the bare areas, it looked like it was lacking.

Ms. Lekas: Is this the area that abuts the land that just got sold?

Mr. Newcomb: No.

Mr. Bernard: This is the first project we are looking at. The second is the landscaping at the main entrance.

Mr. Newcomb: What's the cost estimate for that project?

Mr. Bernard: We got quotes on that in April in last year's budget. The price that came in was about $20,000 dollars. The next project, at the front entrance, we are looking to do landscaping.

Mr. Conner: This project is kind of in conjunction with the upgrades to the landscape lighting at the entrance way too. I don't know if we want to talk about that now. But one of the things Bruce had mentioned to me in looking at the entrance way was the fact that a lot of the landscape up lights were either damaged or not working or in disrepair. We are looking at doing that, and also, at the same time, there was concern at the way that one particular plant, dwarf lobelia, which has a purple flower and a spiky plant, is kind of hard to maintain. It gets leggy. It doesn't really look good, so he asked me to look at a replacement for that particular plant in the entryway area. As a result of that, there were whole plants that I noticed were not performing very well, so we wanted to enhance the planting with more colorful plants to give you more punch of color as you come into the entry and drive up to the gate. The other aspect was to replace a couple of the royal palms that are very obviously missing. There are gaps in the plantings of royal palms behind the signs and the fountains. The second part of it is, with the new additional landscape lighting that goes forward on either side of the entrance along US 41, we are

putting a lot of the new up lights in front of the plantings shining back at the trees, so those fixtures would be visible, and this is a way of adding a little bit of ground cover in front of that fixture to conceal the fixture and you don't really notice it but at night. There will be a lot more landscape lit up on either side of the main entryway where all of the lighting is now currently. He discussed the plants which would be used in the landscaping which were hardy, easy to maintain plants.

Mr. Bernard: One thing about the royal palms. These are the royal palms behind the walls of the fountains that were removed after the hurricane and never replaced. There are three on the east side and one on the west side. We are just putting them back right in the same place where the old ones were.

Discussion ensued regarding the palms, and the dwarf lobelia (Mexican petunia) being considered invasive in some areas.

Mr. Newcomb: On some of your up lighting, are you using the inground ones? I have used these in the past and have not had good success with them. They ended up leaking and once they get water –

Mr. Conner: The reason we suggested using those fixtures is, going around the curve you have the paver walkway areas on both sides and there are raised planters, so those fixtures are the only ones that we are suggesting to be inground fixtures because they are already raised up 18 or 24 inches, so they are more at your eye level and you notice them more, and you are not going to have the ability to have plants hiding the fixture itself. Whereas for the ones in the other areas on the ground, just regular up lights in the landscaping will work fine. That was our reason for suggesting –

Mr. Newcomb: Do you think they will last as long as the ones mounted above ground?

Mr. Conner: As long as the fixture has an IP rating of 66 or better, they should be more watertight. Again, it's raised up in a raised planter, so there's not quite as much moisture getting into them as it would be. I think it will be fine. The manufacturing of light fixtures continues to get better and better in terms of the water proofing, so compared to 10 or 15 years ago, the technology and the seal on them has gotten much better.

Mr. Newcomb: How long do you expect them to last?

Mr. Conner: I would expect them to last another 10 to 15 years. Typically, the manufacturer warranty on landscape lighting like this is a minimum of 5 years but I would think that they would last a lot longer.

Discussion ensued regarding the life expectancy of landscape up lighting, the up lighting being low cost LED, the existing lights being HID, and no new wiring needing to be run for replacement of existing lights.

Mr. Conner reviewed the cost estimates: $94,500 for lighting, $21,000 for landscaping.

Mr. Ward: I think the intent is, we are going to have to do this in phases. I think they can do some of the landscaping in the current year's budget. I will just do an amendment and we can cover that. The electrical fixtures and lighting are going to have to fall into the 2023 budget. That will most likely impact your assessment rates at that point. We will see what that does when we get there. So, if you guys are okay with it, I will go ahead and do a budget amendment for the landscaping portions of it. We will do it

in the current year. And I will ferret out all the rest of the financing pieces of that over the coming months.

Ms. Lekas: So, the landscaping for the main entrance and the preserve area?

Mr. Ward: It's up to you. I heard some concern about doing the preserves, so it's up to you whether you want to do that. Obviously, Bruce put it in here because we are recommending it, but it's up to you. Clearly, the entrance has to be done. Let's do the main entrance to start with. Let me delve into the preserve area a little more because there are some questions that I'm not sure I know the answer to that I'd like to. Let me do that. We will do the landscaping on the entrance. We will hold on the preserves, and then we will budget for the electrical work in the 2023 budget. We will probably start the design now on the electrical piece of it, and then we can fund the installation part of it next year. Seem reasonable? The Board agreed.

Ms. Lekas: Are there any estimates of what we would actually save in electricity?

Mr. Ward: I think that number is 0 or less. There are lights that currently are not working at all.

SEVENTH ORDER OF BUSINESS Staff Reports

I. District Attorney

Mr. Urbancic: The legislative session just kicked off. There are a couple of bills that could affect us. We will take a look as we go. The two most prominent that I've seen would be one that would change the limited waiver of sovereign immunity for CDDs. Currently it's $200,000/$300,000 individual and per current and the aggregate, and so the bill proposal is to take it up to a level of $1 million dollars. We will see if that passes. It has been tried several times before and has failed, so we will see if it actually comes through. There is also one that allows us to conduct meetings when there is a state of emergency. I think it is broad enough to cover various types of emergencies which we could experience. We will see if that passes as well. I think there might be some momentum for that one. I'll update you at subsequent meetings as that comes through, and then we will talk about the stormwater needs later.

II. Asset Manager

a) Operations Report July 2021
b) Operations Report August 2021
c) Operations Report October 2021
d) Operations Report November 2021
e) Operations Report December 2021
f) Water Quality Report June 2021
g) Water Quality Report July-September 2021
h) Water Quality Report October-December 2021

Mr. Bernard: In the last few months since we had a meeting, we have replaced the fountain in Lake 9 behind the pool clubhouse area. The motor had burnt out, so we had that replaced. We started the lake bank restoration program for this year. We are right now on Lake 21, and we will be going from

there up front to do four lakes. This year we will be doing 5 lakes in our lake bank restoration program. We are looking to be done by the end of April before the rainy season.

Mr. Barger: We aren't doing every bit of the bank, just sections?

Mr. Bernard: We walked the lake banks to see where the drop-offs came. If the slopes were fine, we didn't do those areas. We are doing about 4,400 linear feet this time. Some of them get totally done, like the little lake next to the fountain, on the roundabout. That we'll do completely, and the one just to the north of that gets like 80% of it done. The lake you live on gets 880 feet done. The next lake over, Lake 5, gets another 900 feet. We also had Coastline Tree Service come in last month and cut the trees up front at the main entrance and also trim all the royal palms on Southwest Blvd.

Mr. Barger: I'd like to add something on a personal basis. If you have trees that need trimming, they are a great company to work with.

Mr. Ward: As you remember, we entered into an agreement with FGCU a little more than a year ago to test the buoys in the lakes. At the end of the day, I read all of these reports and it seems like they work on one kind of particular algae, not another one. The lakes they have been most useful in are the front lakes where there is probably the least amount of fertilizers going into the lake systems. The buoys along the golf course, because of the amount of fertilizers, they seem to be less effective in those lakes. If you look at the cost of the program, in terms of this community itself, for us to treat them on a chemical basis versus this, they are probably $8,000 dollars a year more to use them instead of using the chemical program. Normally in a district of this size $8,000 dollars is not a particularly huge number. It works out to be $7 per unit per year. The good part about them from what I can tell is that they do reduce the amount of chemicals which has been something that I have heard about for a number of years in this community of not using the particular chemical glyphosate in this community that is in roundup and obviously in the chemicals that we use in the water management system also. We can't go away from the use of chemicals; we have to use them. All this does is really reduce by a very small percentage the amount of chemicals we put in the entire water management system. The downside of them is they are big, and they look like ski slopes to me. I know some residents have said to us they don't really care about the looks. Some have said yeah, they are really hideous, can you make them go away tomorrow kind of thing. If you want to enter into this kind of thing on a going forward basis, we can do that. I don't have a strong opinion one way or another on what we do with the buoy program. It does help some with the chemical use, but it is really your call.

Mr. Bernard: As Jim said, it works out front. It doesn't totally remove the microalgae, but it does a pretty good job of containing it. The lakes in the back around the golf course, the one on 33, and right there at 42 around the peninsula, it might lessen it a little bit, but it really doesn't work that well.

Mr. Barger: You are our lake expert. What do you think?

Mr. Bernard: I'm not an expert. Like Jim said, if you want to go green, it's a greener way of going so you aren't using as many chemicals, or if the aesthetics aren't right then we can take them out and spend $8,000 dollars less.

Mr. Barger: It would not eliminate glyphosate if we kept them.

Mr. Bernard: There is hardly anything out there that's going to eliminate that, because that's a water chemical for algae. There are not that many out there. We have looked for years to try to find other chemicals that would work, and there is really nothing out there cost wise that would do what we need done. It's the same thing in other CDDs. We are all basically using the same chemicals.

Mr. Barger: My biggest concern is the aesthetics. They are hideous.

Mr. Gasworth: Can that be changed? Are we stuck with the white? Are we stuck with those blue buoys sitting next to them?

Mr. Bernard: We haven't talked with the manufacturer. What we are looking at right now is just keeping what we have here. On down the line if there is something else, we can talk with them, if we don't like how these look and you want to remove these and see if there is another form you can put them in that makes it more aesthetically pleasing, we can look at that. But right now, what was proposed by the vendor was to leave these in place and it would cost us $15,000 dollars per year to have them monitor them.

Mr. Barger: Would it be possible to let the public comment on this?

Mr. Ward: Yes, as soon as you finish your discussion, we will open it up to public comment.

Ms. Lekas: Is it all or nothing? It sounds like it is useless on the back lakes here by the golf course.

Mr. Ward: They are less effective. From what I can tell they are probably 50% less expensive when you look at all these reports within the golf course itself. I don't know if it is all or nothing. I asked Bruce to determine what it would take to keep the program going. The only big issue to me is whether or not you really want to begin to reduce the chemical use in Treviso Bay. This is a way to do that. If you decide that is an important feature, then keeping them is a good idea. If you decide that is not an important feature, then we don't need to keep them. As I said to begin with, I don't see a substantive difference in the chemical use by keeping them in place. We would use a little bit less, but not so much that I would go, yeah, we have to keep these because we see a significant reduction in chemical use and in the use of glyphosate. Glyphosate has been the subject of too many lawsuits, but they are primarily related to the Roundup issue, not necessarily the concentration levels we use in the chemicals in this system. It's just something to think about. I see no overriding concern either way with what you decide. He asked if there were any other questions or comments from the Board; hearing none, he opened the floor for public comments.

Mr. Scott Bertrand(ph): I am the General Manager of Treviso Bay Master Association, as well as the Treviso Bay Golf Club. Our concern is the aesthetics. We have received nothing but negative comments about it. I got a comment recently from someone who moved into a $3 million dollar home at Peninsula complaining their view of the lake, about the aesthetics. I think there are probably lots of homes with views of these. When we hear that the results are not illuminating, I have to ask is it really worth it. If we are not getting enough bang out of our dollar, then is there a better way to do it. Certainly, if there were a way to make them more attractive, but other than sinking them under the water, I don't know how you are going to make them more attractive. He further discussed the poor aesthetics of the buoys and indicated he wished to see them removed.

Mr. Ed Callahan (ph): I am President of the Treviso Bay Golf Association and I echo Scott's comments. I would like to say from the golf course perspective, as part of our vision and strategic plan, one of our visions is to provide our members with a premier TPC golf experience in a pristine natural environment. To that end we have done that much to the dismay of some members. We don't have ball washers on every hole. We don't have big signs. From an aesthetic standpoint it has been a huge issue for us. We've had nothing but complaints. We've had nothing to defend it, so I appreciate your comments this morning. He further discussed the poor aesthetics of the buoys and indicated he wished to see them removed.

Discussion ensued regarding the poor aesthetics of the buoys, the buoys not being as effective as hoped, terminating the buoy program, and the possibility of revisiting this in the future as technology improved.

Mr. Ward explained the buoys could be revisited in the future as technology improved; however, the Board should be aware the buoys were expensive to purchase ($50,000 dollars each). *When you look at it that way, if they go, the probability of us ever putting them back in is very slim just because the capital cost is huge. I think if they go, they are gone. We can revisit it, but I don't think you're going to want to spend that kind of money.*

Mr. Bernard: The only way I think we should revisit this is, if they improved the technology and wanted to do another test program, we could do the same thing to see if we get better results down the road. To me, you need smaller units and a different layout. You can't have them protruding out of the water like they do now.

Mr. Ward: Okay, I think I got a sense of the Board. We are taking them out. Okay. The program ended, so all I have to do is authorize them to go away. I will go ahead and do that. There is no motion required.

III. District Engineer

No report.

IV. District Manager

a) State Law Requirements for Stormwater Reporting
b) Closing Memo and Summary of Bond Refinancing
c) Financial Statements for period ending August 31, 2021 (unaudited)
d) Financial Statements for period ending September 30, 2021 (unaudited)
e) Financial Statements for period ending October 31, 2021 (unaudited)
f) Financial Statements for period ending November 30, 2021 (unaudited)
g) Financial Statements for period ending December 31, 2021 (unaudited)

Mr. Ward: At the last legislative session, the state amended a particular law that required districts to do long term stormwater analysis planning. Essentially the law requires us to report, by June 30, 2022, the long-term capital restoration costs of your drainage system, the long term operating costs for that system, and then also to provide that on an ongoing basis every five years. The first report, as I said, is due June 30 of this year. I have already authorized Calvin Giordano to go ahead and prepare that in the next couple of months for us. Just as a matter of reference, this came out of

nowhere out of the last legislative session, so every special district in the state is going through this process of trying to figure out what it is that we are even doing. The state did prepare some forms after the law was enacted to tell us at least initially what we are going to be doing. I believe that is in your package also. This is a new legal reporting requirement that we have to meet. It will impact our budget on a yearly basis. Obviously, this year it will impact it a little bit also.

Mr. Urbancic: It is a five year requirement. The state promulgated that form to hopefully make it more uniform, but there is just so much uncertainty out there with how this whole thing is going to get reported and what they are going to use the information for, but it's just another layer of reporting that we have to do and there is no choice.

Mr. Barger: There was a $9,000 dollar expense in November. It says for a reserve study report. Is that what this is related to?

Mr. Ward: No, that is a whole other item we started, but I will go into that at another time. The only other item I have for you, I did put in your agenda package a summary of the bond financing, and I wanted to make sure we had it on the record. For our 2018 bonds we had par outstanding at $24.19 million. We lowered the par debt down to $22.485 million. Our interest rates now range from 1.06% to 2.5%. In the old issue they ranged from 2.2% to a little over 4%. So, we had a pretty significant reduction in interest rate, obviously a reduction in our par debt, and we were able to liquidate our reserve account (the account in place that sits in cash in the event there is a default on the bonds and triggers a state of financial emergency). We were able to liquidate that and use that towards the refunding. So, that basically is a summary of your bond issue. As I said, your assessment rates were significantly reduced going into the 2022 year.

Mr. Gasworth: The sales center office. They owed us some money in unpaid assessments. Did we ever get that?

Mr. Ward: Their assessments by the District are on the tax bill which were paid. So, we are good to go with those guys.

Mr. Gasworth: So, those lawsuits or whatever the issues they had, that's all resolved?

Mr. Ward: I never use the word resolved with lawyers, so I'm going to say it's kind of dead in the water at the moment.

EIGHTH ORDER OF BUSINESS Supervisor's Requests and Audience Comments

Mr. Ward asked if there were any Supervisor's requests or questions from the Board; there were none. He asked if there were any audience members with comments or questions.

Mr. Joe Lawson (ph): I'm just curious on how long, what the expected life is, of the embankment program – is this something that gets done and it should take care of it? Is it just a continual program?

Mr. Ward: In districts, cities, counties, whatever they may be, it is generally an ongoing program on a yearly basis. The lakes degrade over time as a natural course in Florida with storms and regular wave action, so they do have to be restored. It's generally an ongoing thing on a regular basis.

Mr. Lawson: Can a designated preserve within the CDD be changed to anything but a preserve? Is it going to be a preserve forever?

Mr. Ward: It's going to be a preserve forever. The law allows you, and the regulatory requirements allow you, to go through a laborious process, depending on the kind of preserve it is, to change it in whatever you want to do to it. That's how developers build these kinds of communities because they move preserves around. They change them. Those kinds of things. For a community such as yours, the idea of trying to change your preserve, or go through that laborious expensive process, is probably never going to happen. They will stay as they are forever.

Mr. Bertrand: Just on the list of the lakes, could we get a list of the lakes that are going to get – Is there a communication plan that we could get to the community? How could the Master Association help you get that notice out? We get asked a lot about when you start those types of projects, where they are going to be. We have a database that has everybody's information, so if you want to write something we would be happy to send it out on your behalf, out of our system, and then 1,432 people will get it.

Mr. Ward: We will take a look at it.

Mr. Bertrand: We have been requested – we hear this on the Master site quite often: What is the CDD and what do they do? We were wondering maybe if you'd want to come either to a meeting with us and provide something, or what I would recommend, just a little one sheet "CDD for dummies" and put what the CDD oversees and does, that we could share.

Mr. Ward: You can direct residents to the District's website. It does have a pretty good writeup on that information. You can certainly provide a link on your website to ours so that they would have all of that information. I am more than happy to come to your Board Meetings and give a spiel on CDDs in general and Wentworth in specificity if that will help. We are going to try to do a little better this year in terms of putting our programs on the website. I'm in the middle of updating that entire website.

Mr. Bertrand: (Indecipherable) Getting ready for next year, we are working with a vendor, getting a number, so if you want us to do it all in one, give you a number, --

Mr. Ward: We will take on the responsibility of designing it or have somebody design it and cost it out, and then I will put it in the District's budget, and this Board will determine over the summer whether or not we will do that. Probably May or June we will take a look at that for you.

Mr. Bertrand: I would just recommend when you do your lighting project you put in as many outlets for that as you can.

NINTH ORDER OF BUSINESS **Next Meeting Date**

February 10, 2022

TENTH ORDER OF BUSINESS **Adjournment**

Mr. Ward adjourned the meeting at 9:30 a.m.

On MOTION made by Mr. Andrew Gasworth, seconded by Mr. Steve Barger, and with all in favor, the meeting was adjourned.

Wentworth Estates Community Development District

_____ _____

James P. Ward, Secretary Joe Newcomb, Chairman

RESOLUTION 2022-3

THE RESOLUTION OF THE WENTWORTH ESTATES COMMUNITY DEVELOPMENT DISTRICT (THE "DISTRICT") AMENDING THE FISCAL YEAR 2022 BUDGET WHICH BEGAN ON OCTOBER 1, 2021, AND ENDING ON SEPTEMBER 30, 2022; PROVIDING A SEVERABILITY CLAUSE; PROVIDING FOR CONFLICT AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the District previously adopted the Fiscal Year 2022 Budget; and

WHEREAS, the District desires to amend the Adopted Budget in accordance with Exhibit A attached hereto.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE WENTWORTH ESTATES COMMUNITY DEVELOPMENT DISTRICT:

SECTION 1. INCORPORATION OF WHEREAS CLAUSES. That the foregoing whereas clauses are true and correct and incorporated herein as if written into this Section.

SECTION 2. AMENDMENT OF FISCAL YEAR 2022 BUDGET. The previously adopted Budget of the District is hereby amended in accordance with Exhibit A attached hereto and incorporated herein as if written into this Section.

SECTION 3. SEVERABILITY. The invalidity or unenforceability of any one or more provisions of this Resolution shall not affect the validity or enforceability of the remaining portions of this Resolution, or any part thereof.

SECTION 4. CONFLICT. That all Sections or parts of Sections of any Resolutions, Agreements, or actions of the Board of Supervisors in conflict are hereby repealed to the extent of such conflict.

SECTION 5. EFFECTIVE DATE. This Resolution shall take effect upon the passage and adoption of this Resolution by the Board of Supervisors of the Wentworth Estates Community Development District.

Secretary Ward offered the foregoing Resolution and moved its adoption, which was seconded by Supervisor _____ and, upon being put to a vote, the vote was as follows:

Joe Newcomb	___
Andrew Gasworth	___
Joanne Lekas	___
Steve Barger	___
Robert Cody	___

DULY PASSED AND ADOPTED by the Board of Supervisors of the Wentworth Estates Community Development District, Collier County, Florida, this 10th day of February 2022.

RESOLUTION 2022-3

THE RESOLUTION OF THE WENTWORTH ESTATES COMMUNITY DEVELOPMENT DISTRICT (THE "DISTRICT") AMENDING THE FISCAL YEAR 2022 BUDGET WHICH BEGAN ON OCTOBER 1, 2021, AND ENDING ON SEPTEMBER 30, 2022; PROVIDING A SEVERABILITY CLAUSE; PROVIDING FOR CONFLICT AND PROVIDING AN EFFECTIVE DATE.

ATTEST:

BOARD OF SUPERVISORS OF WENTWORTH ESTATES COMMUNITY DEVELOPMENT DISTRICT

_____
James P. Ward, Secretary

_____
Joe Newcomb, Chairperson

Exhibit A

Amended Adopted Budget Fiscal Year 2022

Wentworth Estates
Community Development District

General Fund - Budget
Fiscal Year 2022

Description	Fiscal Year 2022 Budget	AMENDMENT	*REVISED FISCAL YEAR 2022BUDGET*
Revenues and Other Sources			
Carryforward	$ -	$ -	
Interest Income - General Account	$ -	$ -	
Special Assessment Revenue			
Special Assessment - On-Roll	$ 1,062,099	$ -	$ 1,062,099
Special Assessment - Off-Roll	$ -	$ -	$ -
Total Revenue & Other Sources	**$ 1,062,099**	**$ -**	**$ 1,062,099**
Expenditures and Other Uses			
Legislative			
Board of Supervisor's Fees	$ 6,000	$ -	$ 6,000
Board of Supervisor's - FICA	$ -	$ -	$ -
Executive			$ -
Professional Management	$ 50,000	$ -	$ 50,000
Financial and Administrative			
Audit Services	$ 4,900	$ -	$ 4,900
Accounting Services	$ 16,000	$ -	$ 16,000
Assessment Roll Preparation	$ 8,000	$ -	$ 8,000
Assessment Methodology Preparation	$ -	$ -	$ -
Arbitrage Rebate Fees	$ 500	$ -	$ 500
Other Contractual Services			
Recording and Transcription	$ -	$ -	$ -
Legal Advertising	$ 2,900	$ -	$ 2,900
Trustee Services	$ 8,400	$ -	$ 8,400
Dissemination Agent Services	$ 5,000	$ -	$ 5,000
Prop. App/Tax Collector Services	$ 22,000	$ -	$ 22,000
Bank Service Fees	$ 400	$ -	$ 400
Travel and Per Diem	$ -	$ -	$ -
Communications and Freight Services			$ -
Telephone	$ -	$ -	$ -
Postage, Freight & Messenger	$ 500	$ -	$ 500
Insurance	$ 53,760	$ -	$ 53,760
Printing and Binding	$ 500	$ -	$ 500
Web Site Maintenance	$ 1,200	$ -	$ 1,200
Office Supplies	$ -	$ -	$ -
Subscriptions and Memberships	$ 175	$ -	$ 175
Legal Services			
General Counsel	$ 20,000	$ -	$ 20,000
Tax Counsel	$ -	$ -	$ -
Other General Government Services			$ -
Engineering Services - General	$ 15,000	$ -	$ 15,000
Engineering Services - Assets	$ 9,000	$ -	$ 9,000
Contingencies	$ -	$ -	$ -
Sub-Total:	**$ 224,235**	**$ -**	**$ 224,235**
Stormwater Management Services			
Professional Services			
Asset Management	$ 43,900	$ -	$ 43,900
Mitigation Monitoring	$ 1,000	$ -	$ 1,000
NPDES Reporting	$ 2,000	$ -	$ 2,000
Utility Services			
Electric - Aeration System	$ -	$ -	$ -
Repairs & Maintenance			
Lake & Wetland System			
Aquatic Weed Control	$ 69,000	$ -	$ 69,000
Lake Bank Maintenance	$ 2,000	$ -	$ 2,000
Water Quality Testing	$ 14,000	$ -	$ 14,000
Water Control Structures	$ 26,000	$ -	$ 26,000
Wetland System			
Routine Maintenance	$ 39,500	$ -	$ 39,500
Water Quality Testing	$ -	$ -	$ -
Capital Outlay			$ -
Aeration System	$ -	$ -	$ -
Fountain Replacement (in Lakes)	$ -	$ -	$ -
Lake Bank Restorations	$ 216,800	$ -	$ 216,800
Littoral Shelf Planting	$ 12,000	$ (12,000)	$ -
Preserve Inprovements		**$ 22,400**	$ 22,400
Contingencies/Inspection Services	$ 20,800	$ (20,800)	$ -
Sub-Total:	**$ 447,000**	**$ (10,400)**	**$ 436,600**

Wentworth Estates
Community Development District

General Fund - Budget
Fiscal Year 2022

Description	Fiscal Year 2022 Budget	AMENDMENT	*REVISED FISCAL YEAR 2022BUDGET*
Road and Street Services			
Professional Management			
Asset Management	$ 3,000	$ -	$ 3,000
Utility Services			$ -
Electric			$ -
Street Lights	$ 1,200	$ -	$ 1,200
Pump Station	$ -	$ -	$ -
Bridge	$ 1,200	$ -	$ 1,200
Repairs and Maintenance			$ -
Bridge - Entrance			$ -
Bridge Inspection Report	$ 15,000	$ -	$ 15,000
Maintenance Services			$ -
Bridge	$ -	$ -	$ -
Entry Monuments	$ -	$ -	$ -
Entry Wall	$ -	$ -	$ -
Street Lights/Directional Signs	$ 4,500	$ -	$ 4,500
Miscellaneous Repairs	$ 9,000	$ -	$ 9,000
Capital Outlay		$ -	$ -
Engineering -Landcaping Lighting	$ 34,000	$ (34,000)	$ -
Sub-Total:	**$ 67,900**	**$ (34,000)**	**$ 33,900**
Landscaping Services			
Professional Management			
Asset Management	$ 6,500	$ -	$ 6,500
Water Quality Monitoring	$ 12,000	$ -	$ 12,000
Utility Services			$ -
Electric - Landscape Lighting	$ 4,500	$ -	$ 4,500
Irrigation Water - Landscaping	$ -	$ -	$ -
Potable Water - Meter (Entry Fountain)	$ -		$ -
Potable Water - Fountain	$ 500	$ -	$ 500
Repairs & Maintenance			$ -
Public Area Landscaping			$ -
Treviso Bay Blvd - Entrance	$ 72,000	$ -	$ 72,000
Southwest Boulevard	$ 26,000	$ -	$ 26,000
Irrigation System	$ 3,700	$ -	$ 3,700
Well System	$ -	$ -	$ -
Plant Replacement	$ 22,000	$ (11,000)	$ 11,000
Fountains	$ 8,500	$ -	$ 8,500
Other Current Charges	$ -	$ -	$ -
Operating Supplies			$ -
Mulch	$ 6,500	$ -	$ 6,500
Contingencies	$ 10,000	$ (10,000)	$ -
Capital Outlay			
Engineering - Fountain Mechanical	$ 26,000	$ -	$ 26,000
Lighting - Fixtures/Installation		$ 94,500	$ 94,500
Landscape Enhancements (Entrance)		$ 21,700	$ 21,700
Sub-Total:	**$ 198,200**	**$ 95,200**	**$ 293,400**

Wentworth Estates
Community Development District

General Fund - Budget
Fiscal Year 2022

Description	Fiscal Year 2022 Budget	AMENDMENT	*REVISED FISCAL YEAR 2022BUDGET*
Reserves			
Operations	$ -	$ -	
Storm Events/Unforseen Capital /Reserves	$ 82,280	**$ (50,800)**	**$ 31,480**
Sub-total:	**$ 82,280**	**$ (50,800)**	**$ 31,480**
Other Fees and Charges			
Discount for Early Payment	$ 42,484	$ -	$ 42,484
Sub-Total:	**$ 42,484**	**$ -**	**$ 42,484**
Total Expenditures and Other Uses	**$ 1,062,099**	**$ -**	**$ 1,062,099**

GREEN - Reductions in Budget to Fund Capital
BLUE - Additional CIP

January 21, 2021 Reference No. 11225022-01

Mr. Bruce Bernard
Manager of Field Operations
Calvin, Giordano & Associates, Inc.
1800 Eller Drive, Suite 600
Fort Lauderdale, FL 33316

Dear Mr. Bernard:

Re: **Water Quality Monitoring – October 2021**
Lakes 4, 5, 12, 14, 22, and 32 – Treviso Bay
Naples, Collier County, Florida

GHD Services Inc. (GHD) is pleased to present the results of our water quality sampling services for Lakes 4, 5, 12, 14, 22, and 32 – Treviso Bay.

1. Water Quality Sampling - October 2021

The October 2021 sampling event consisted of the collection of six (6) surface water samples, one each from six (6) different lakes within the Treviso Bay residential community as identified on **Figure 1**.

Samples were collected using direct-dip methods from lakes 4, 5, 12, 14, 22, and 32 at locations having a minimum water depth of three (3) feet to minimize disturbance of sediments. Where applicable, samples were collected from near the outfall structure/weir, particularly if there is flow over the weir. If the water depth is too shallow near the outfall structure/weir, samples are collected using a long-reach sampling pole from the bank of the lake. See **Figure 1** for locations of outfall structures/weirs. Of note, there is no visible outfall structure/weir in Lake 5.

Conductivity, dissolved oxygen, pH, and temperature were measured in the field with a calibrated YSI Pro Plus multi-parameter water quality meter. Turbidity and total water depth were also measured at each location. Surface Water Field Sheets are attached. Field data is summarized in **Table 1**.

The collected 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 analysis are conducted for 5-Day Biochemical Oxygen Demand (BOD5), Total Suspended Solids (TSS), Total Nitrogen, nitrogen speciation (ammonia, TKN, and nitrate + nitrite), Total Phosphorus, Ortho Phosphorus (Field Filtered) and Chlorophyll-a.

All samples collected during the October 2021 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 **Table 1.** The laboratory report and data compliance memorandum are also attached.

Trend graphs have been prepared for each monitor location for laboratory analytical results and select field measurements.

2. Analytical Summary

The October 2021 sampling event represents the third sampling event for the select six (6) lakes in Treviso Bay.

The observed concentrations/measurements of Biological oxygen demand (BOD), dissolved oxygen, total phosphorus, orthophosphate, total suspended solids (TSS), chlorophyll *a*, pH, turbidity, and total nitrogen appear to be within typical ranges.

Biological oxygen demand (BOD) remained undetected from the last sampling event at Lakes 4, 12, and 22. BOD increased from the last sampling event at Lakes 5, 14, and 32, with Lake 5 rising to the highest BOD recorded at 1.97 mg/L (a 32% increase). All other Lakes remain within historical levels. We will continue to monitor closely and see if a trend develops.

The dissolved oxygen readings at the monitoring locations fluctuate throughout the year as anticipated given the temperature of the water and biological activity. In general, the dissolved oxygen remains above the action level for dissolved oxygen percent (%) of a minimum of 38%, however, Lake 12 decreased just below the action level at 35.5%. Dissolved oxygen ranged from 35.5% at Lake 12 to ~100% at Lake 22.

Total nitrogen at Lakes 4 and 5 increased last month to 0.75 and 0.97 mg/L, respectively, but remain within historical levels. All other sample locations decreased in total nitrogen, with an apparent downward trend in total nitrogen at Lakes 12, 14, 22 and 32 over the last 4 sampling events. Lakes 12, 22, and 32 hit all-time lows at 0.45, 0.50, and ~0.03 mg/L, respectively.

Total phosphorus decreased at Lake 4 but increased at all other locations. All results remain within historical levels. We will continue to monitor closely and see if any other trends develop.

Total suspended solids (TSS) slightly decreased at Lake 4 but increased at all other locations. All results remain within historical level. We will continue to monitor closely and see if any other trends develop.

Chlorophyll-a increased at Lakes 5, 14 and 32, and slightly decreased at Lakes 4, 12, and 22. The increases are 316%, 25% and 36% higher than previous highest recorded Chlorophyll-a result at those locations, respectively. The significant increase in Chlorophyll-a at Lake 5 may be caused by recent vegetation growth near the sample locations. We will continue to monitor closely and see if a trend develops.

Orthophosphate results show a constant or slight increase at all sample locations, except at Lake 4, which decreased to the lowest results yet, at 0.004 mg/L. The remaining results were within historical levels.

Total kjeldahl nitrogen (TKN) decreased at Lakes 12, 14, 22 and 32 and slightly increased at Lakes 4 and 5. The TKN results at Lake 32 showed a decrease to the lowest level recorded, at ~0.03 mg/L. Lakes 14, 22 and 32 appear to be trending downwards over the last 4 sampling events.

The pH collected at all sample locations during October 2021 ranged from 7.58 at Lake 12 to 8.72 at Lake 32.

3. Annual Review

Throughout the samplings events conducted in 2021, water quality conditions have remained relatively stable throughout the year, with notable trends highlighted below. Considering the climate of the Site, typically water quality is expected to dilute in the warmer, wetter months, and concentrate in the drier, cooler months.

The parameters measured during the sampling events in February, June and October showed stable conditions at most Lakes for BOD, TSS, DO, Total Phosphorus, TSS, Orthophosphate, Total kjeldahl nitrogen, Turbidity, Conductivity, Water Depth and Temperature.

Specifically, a notable downward trend was seen over the last 3 sampling events for DO at Lake 12, for Total Nitrogen at Lakes 12, 22 and 32, and Chlorophyll a at Lakes 4 and 12.

Specifically, a notable upward trend was seen over the last 3 sampling events for Total Nitrogen at Lake 4 and Chlorophyll a at Lakes 5, 14 and 32.

4. Conclusions and Recommendations

It appears water quality conditions have remained relatively stable between February and October 2021. We will continue to monitor closely and see if any significant trends develop.

Based on the annual review, a check of Lake 12 is advised to determine if algae growth is inhibiting oxygen and Chlorophyll a in the water.

The next tri-annual sampling event is planned for February 2022.

Please call if you have questions or need additional information.

Sincerely,

GHD

Connor Haydon
Environmental Engineer

Lori Coolidge, P.G.
Principal Geologist

Encl: Attachments: Table 1
Figure 1
Trend Graphs
Laboratory Analytical Reports
Surface Water Field Sheets
Laboratory Data Compliance Memo

Table

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
October 2021

Sample Location/Sample ID:		Lake 4						
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**06/30/2021**	**10/27/2021**	
Field Parameters	**Units**							
Total Water Depth	Feet	3	2.7	2.34	1.2	1.80	3.5	
Sample Depth	Feet	1.5	1.5	1.5	0.5	1	1.5	
Conductivity, field	umhos/cm	908	1129	514	666	755	646	
Dissolved oxygen (DO), field	mg/L	6.07	4.36	2.78	3.50	3.82	3.99	
Dissolved oxygen (DO), field	%	70.6	56.4	34.7	41.7	49.3	50.6	
pH, field	s.u.	7.27	8.4	7.79	8.04	7.9	7.59	
Temperature, field	Deg C	22.68	29.1	26.8	24.3	28.6	27.5	
Turbidity, field	NTU	1.02	2.33	1.84	2.70	2.91	1.24	
Secchi Disk	Depth							
Wet Parameters	**Units**							
Ammonia-N	mg/L	0.010 I	0.008 U	0.181	0.008 U	0.084	0.083	
TAN criteria calculation	mg/L	1.39	0.23	NS	NS	NS	NS	
Total kjeldahl nitrogen (TKN)	mg/L	0.651	0.812	1.19	0.870	0.431	0.668	
Total nitrogen	mg/L	0.770	0.818	1.23	0.05 U	0.451	0.754	
Nitrite/Nitrate	mg/L	0.119	0.006 I	0.043	0.130	0.020 I	0.086	
Ortho phosphorus (Field Filtered)	mg/L	0.039	0.043	0.026	0.008	0.020	0.004 I	
Total phosphorus	mg/L	0.046	0.045	0.024 I	0.084	0.022 I	0.015 I	
Chlorophyll	mg/m3	4.58	10.4	4.87	18.4	7.73	3.57	
Total suspended solids (TSS)	mg/L	1.75 I	3.00	2.20 I	0.570 U	1.93 I	0.667 I	
Biochemical oxygen demand (total BOD5)	mg/L	1 U	1.0 U	1 U	1.08 I	1 U	1 U	

Sample Location/Sample ID:		Lake 14						
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**	
Field Parameters	**Units**							
Total Water Depth	Feet	2.5	2.41	2.81	2.2	1.83	2.3	
Sample Depth	Feet	1.5	1.5	1.5	1.5	1	1.5	
Conductivity, field	umhos/cm	14.67	2066	999	967	1223	1119	
Dissolved oxygen (DO), field	mg/L	5.79	4.36	5.45	4.13	4.31	4.92	
Dissolved oxygen (DO), field	%	66.7	57.6	67.8	48.8	54.1	63.7	
pH, field	s.u.	7.71	8.33	8.44	8.55	8.28	8.43	
Temperature, field	Deg C	22.04	29.6	26.4	23.7	28.6	28.2	
Turbidity, field	NTU	2.07	7.06	3.44	2.83	2.60	3.80	
Secchi Disk	Depth							
Wet Parameters	**Units**							
Ammonia-N	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.041	
TAN criteria calculation	mg/L	0.99	0.25	NS	NS	NS	NS	
Total kjeldahl nitrogen (TKN)	mg/L	0.816	0.926	1.35	0.908	0.750	0.738	
Total nitrogen	mg/L	0.816	0.926	1.35	0.908	0.750	0.738	
Nitrite/Nitrate	mg/L	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	
Ortho phosphorus (Field Filtered)	mg/L	0.007 I	0.031	0.004 I	0.002 U	0.002 U	0.007 I	
Total phosphorus	mg/L	0.029 I	0.044	0.025 I	0.020 I	0.008 U	0.011 I	
Chlorophyll	mg/m3	8.51	10.3	11.7	5.95	16.0	20.0	
Total suspended solids (TSS)	mg/L	4.50	3.75	7.50	4.40	3.60	6.00	
Biochemical oxygen demand (total BOD5)	mg/L	1.55 I	1.0 U	2.32 I	1.59 I	1.03 I	1.61 I	

Notes:

U - Not detected at the associated reporting limit
I - Reported value is between method detection limit and the practical quantitation limit
NS - Not sampled during noted event
* DO values at or above 100% are possible super-saturation conditions due to high water temperatures and/or high volume of algae.

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
October 2021

Sample Location/Sample ID:		Lake 5						
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**	
Field Parameters	**Units**							
Total Water Depth	Feet	7	7.5	7.50	6.2	NM	NM	
Sample Depth	Feet	1.5	1.5	1.5	1.5	surface	1.5	
Conductivity, field	umhos/cm	405	630	561	284	389	308	
Dissolved oxygen (DO), field	mg/L	9.25	4.46	6.72	5.60	4.48	5.60	
Dissolved oxygen (DO), field	%	107.9	59.3	83.9	67.5	59.4	72.5	
pH, field	s.u.	7.61	7.78	8.61	8.71	8.26	8.62	
Temperature, field	Deg C	22.95	30.1	27.2	25.1	30.2	28.8	
Turbidity, field	NTU	1.36	2.45	3.54	6.43	1.94	4.53	
Secchi Disk	Depth							
Wet Parameters	**Units**							
Ammonia-N	mg/L	0.008 U	0.009 I	0.030 I	0.008 U	0.053	0.085	
TAN criteria calculation	mg/L	1.04	0.54	NS	NS	NS	NS	
Total kjeldahl nitrogen (TKN)	mg/L	0.654	0.750	1.04	0.828	0.638	0.910	
Total nitrogen	mg/L	0.654	0.750	1.04	0.828	0.638	0.976	
Nitrite/Nitrate	mg/L	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.066	
Ortho phosphorus (Field Filtered)	mg/L	0.024	0.053	0.026	0.007 I	0.002 U	0.020	
Total phosphorus	mg/L	0.044	0.063	0.027 I	0.014 I	0.008 U	0.046	
Chlorophyll	mg/m3	6.71	8.71	9.27	6.17	9.17	29.3	
Total suspended solids (TSS)	mg/L	5.00	2.25 I	6.20	4.80	1.00 I	6.67	
Biochemical oxygen demand (total BOD5)	mg/L	1.11 I	1.0 U	1.49 I	1.11 I	1 U	1.97 I	

Sample Location/Sample ID:		Lake 22						
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**	
Field Parameters	**Units**							
Total Water Depth	Feet	3	2.27	2.74	2.6	3.58	3.5	
Sample Depth	Feet	1.5	surface	overflow	1.5	1.5	1.5	
Conductivity, field	umhos/cm	656	1057	453	450	978	462	
Dissolved oxygen (DO), field	mg/L	8.62	5.96	4.20	5.14	3.83	8.24	
Dissolved oxygen (DO), field	%	99.6	52.6	54.0	61.0	45.7	105.8	
pH, field	s.u.	7.73	8.28	8.27	8.76	7.98	8.50	
Temperature, field	Deg C	22.42	29.9	26.8	24.4	28.1	28.3	
Turbidity, field	NTU	1.17	1.06	1.52	1.38	2.21	1.75	
Secchi Disk	Depth							
Wet Parameters	**Units**							
Ammonia-N	mg/L	0.008 U	0.008 U	0.026 I	0.008 U	0.008 U	0.036	
TAN criteria calculation	mg/L	0.94	0.27	NS	NS	NS	NS	
Total kjeldahl nitrogen (TKN)	mg/L	0.648	1.05	1.23	0.807	0.678	0.499	
Total nitrogen	mg/L	0.648	1.05	1.23	0.807	0.678	0.499	
Nitrite/Nitrate	mg/L	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	
Ortho phosphorus (Field Filtered)	mg/L	0.005 I	0.019	0.007 I	0.002 U	0.002 U	0.002 I	
Total phosphorus	mg/L	0.024 I	0.027 I	0.030 I	0.008 U	0.008 U	0.021 I	
Chlorophyll	mg/m3	4.31	5.00	6.48	2.34	4.06	3.35	
Total suspended solids (TSS)	mg/L	1.00 I	3.00	2.25 I	1.60 I	0.570 U	1.67 I	
Biochemical oxygen demand (total BOD5)	mg/L	1 U	3.00	1.00	1 U	1 U	1 U	

Notes:

U - Not detected at the associated reporting limit
I - Reported value is between method detection limit and
NS - Not sampled during noted event
* DO values at or above 100% are possible super-satura

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
October 2021

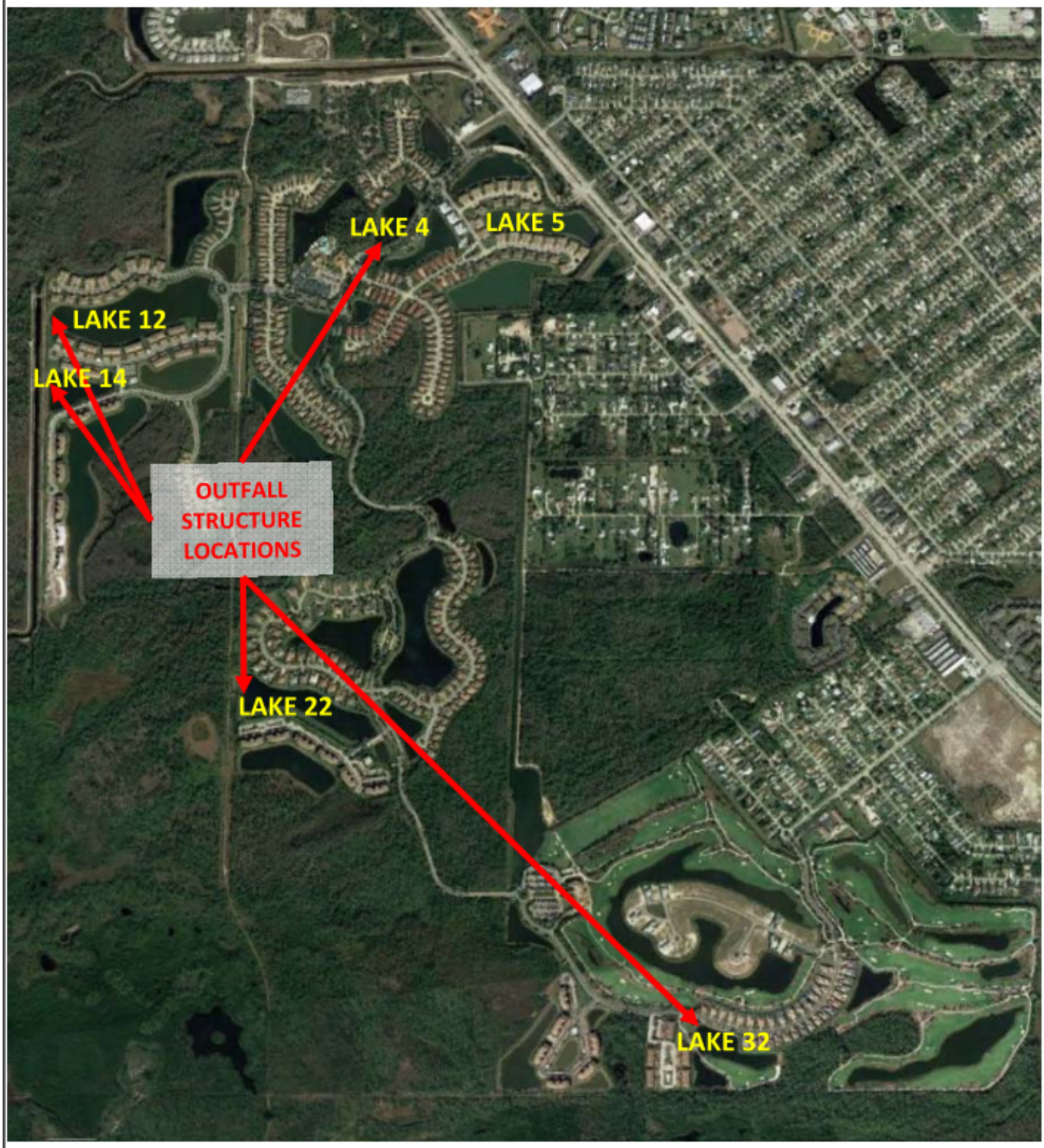
Sample Location/Sample ID:		Lake 12						
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**	
Field Parameters	**Units**							
Total Water Depth	Feet	1	1.95	2.30	2	2.24	2	
Sample Depth	Feet	overflow	surface	overflow	1.5	1.5	1.5	
Conductivity, field	umhos/cm	959	1382	658	583	817	777	
Dissolved oxygen (DO), field	mg/L	10.03	5.25	2.69	5.69	8.65	2.84	
Dissolved oxygen (DO), field	%	116.7	69.0	33.1	66.2	40.9	35.5	
pH, field	s.u.	7.54	8.31	7.74	8.63	8.65	7.58	
Temperature, field	Deg C	22.43	29.2	25.8	23.1	28.1	26.9	
Turbidity, field	NTU	1.75	1.46	0.58	5.48	1.32	1.66	
Secchi Disk	Depth							
Wet Parameters	**Units**							
Ammonia-N	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.032	
TAN criteria calculation	mg/L	1.15	0.26	NS	NS	NS	NS	
Total kjeldahl nitrogen (TKN)	mg/L	0.708	0.710	0.927	1.85	0.570	0.446	
Total nitrogen	mg/L	0.708	0.710	0.927	1.86	0.570	0.446	
Nitrite/Nitrate	mg/L	0.006 U	0.006 U	0.006 U	0.008 I	0.006 U	0.006 U	
Ortho phosphorus (Field Filtered)	mg/L	0.012	0.034	0.005 I	0.002 I	0.002 U	0.002 I	
Total phosphorus	mg/L	0.020 I	0.040	0.011 I	0.047	0.008 U	0.019 I	
Chlorophyll	mg/m3	5.55	5.55	2.19	34.9	10.3	5.44	
Total suspended solids (TSS)	mg/L	1.25 I	1.50 I	0.769 I	124	0.570 U	1.00 I	
Biochemical oxygen demand (total BOD5)	mg/L	1 U	1.0 U	1 U	4.07	1 U	1 U	

Sample Location/Sample ID:		Lake 32						
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**	
Field Parameters	**Units**							
Total Water Depth	Feet	3	3.28	3.87	2.3	2.98	1.9	
Sample Depth	Feet	1.5	1.5	1.5	1.5	1.5	1	
Conductivity, field	umhos/cm	426	680	298	296	508	298	
Dissolved oxygen (DO), field	mg/L	8.4	4.27	6.44	5.08	5.71	5.54	
Dissolved oxygen (DO), field	%	99.5	56.3	80.3	61.0	71.8	71.8	
pH, field	s.u.	8.15	8.15	8.16	8.49	8.27	8.72	
Temperature, field	Deg C	23.8	29.7	27.0	24.7	29.1	28.7	
Turbidity, field	NTU	0.47	2.75	3.31	9.56	3.28	3.18	
Secchi Disk	Depth							
Wet Parameters	**Units**							
Ammonia-N	mg/L	0.008 U	0.008 U	0.045	0.008 U	0.008 U	0.028 I	
TAN criteria calculation	mg/L	0.49	0.33	NS	NS	NS	NS	
Total kjeldahl nitrogen (TKN)	mg/L	0.483	0.897	1.65	0.791	0.639	0.05 U	
Total nitrogen	mg/L	0.483	0.897	1.67	0.791	0.639	0.05 U	
Nitrite/Nitrate	mg/L	0.006 U	0.006 U	0.018 I	0.006 U	0.006 U	0.006 U	
Ortho phosphorus (Field Filtered)	mg/L	0.018	0.035	0.008	0.002 I	0.002 U	0.008	
Total phosphorus	mg/L	0.022 I	0.058	0.041	0.010 I	0.013 I	0.014 I	
Chlorophyll	mg/m3	2.00	7.08	7.29	3.73	11.8	16.1	
Total suspended solids (TSS)	mg/L	0.750 I	5.25	4.00	1.20 I	3.40	3.67	
Biochemical oxygen demand (total BOD5)	mg/L	1 U	1.0 U	1.25 I	1 U	1 U	1.23 I	

Notes:

U - Not detected at the associated reporting limit
I - Reported value is between method detection limit anc
NS - Not sampled during noted event
* DO values at or above 100% are possible super-satura

Figure



NOTE: LAKE 5 DOES NOT HAVE AN ABOVE WATER LEVEL OUTFALL STRUCTURE/WEIR.

GHD

WATER QUALITY SAMPLING REPORT
LAKES 4, 5, 12, 14, 22, AND 32 - TREVISO BAY
NAPLES, COLLIER COUNTY, FLORIDA

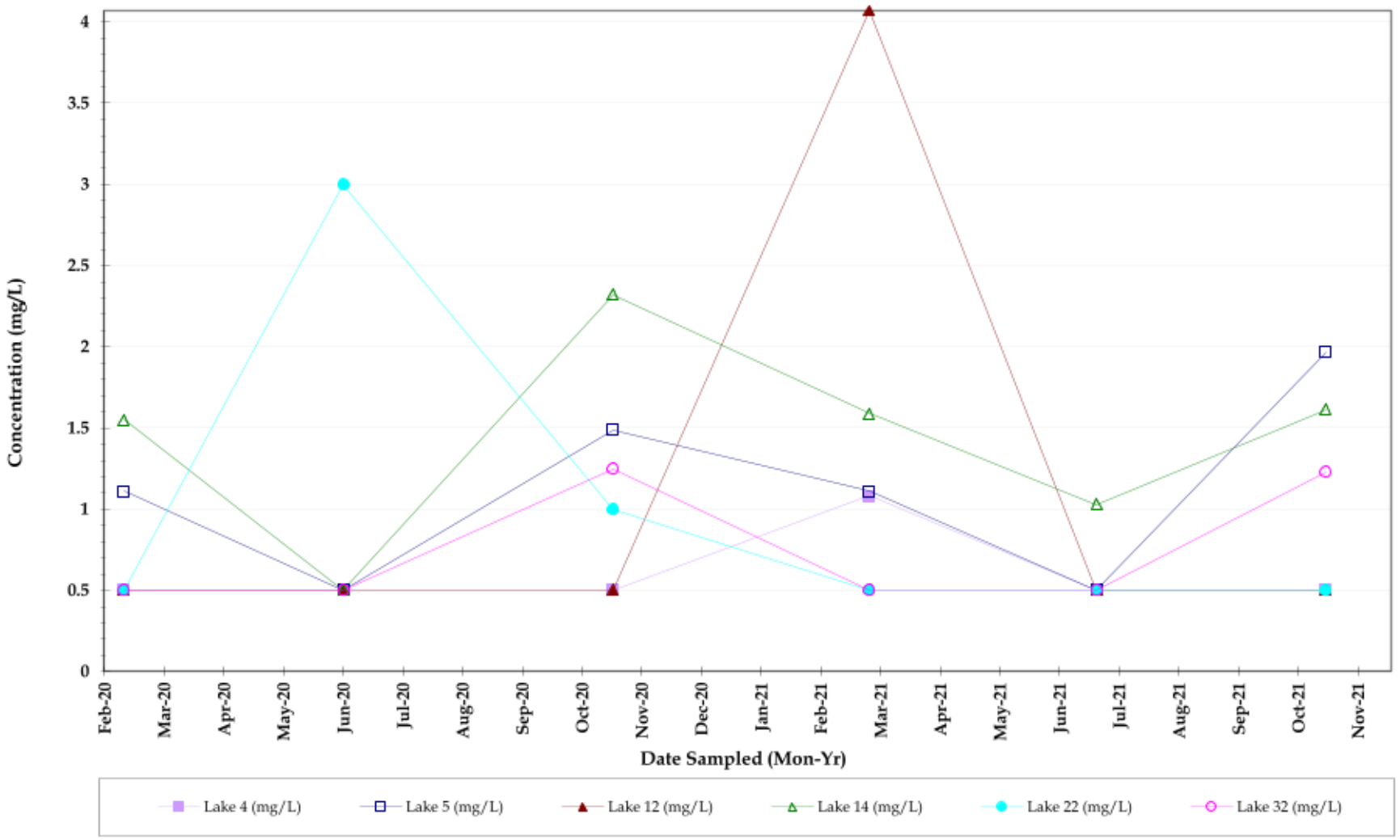
11225022-01

30-June-21

SAMPLE LOCATION MAP

FIGURE NO. 1

Trend Graphs

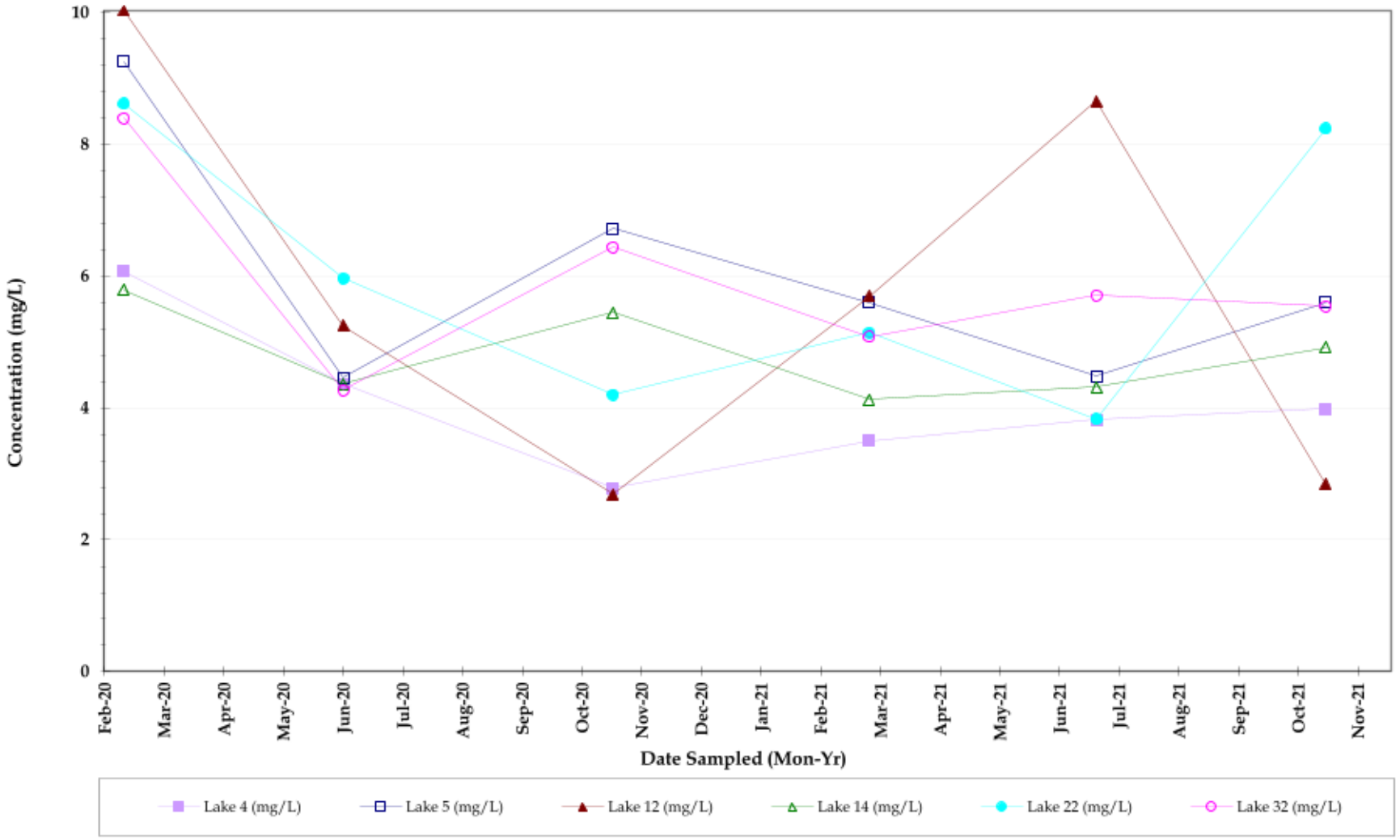


Biochemical Oxygen Demand

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

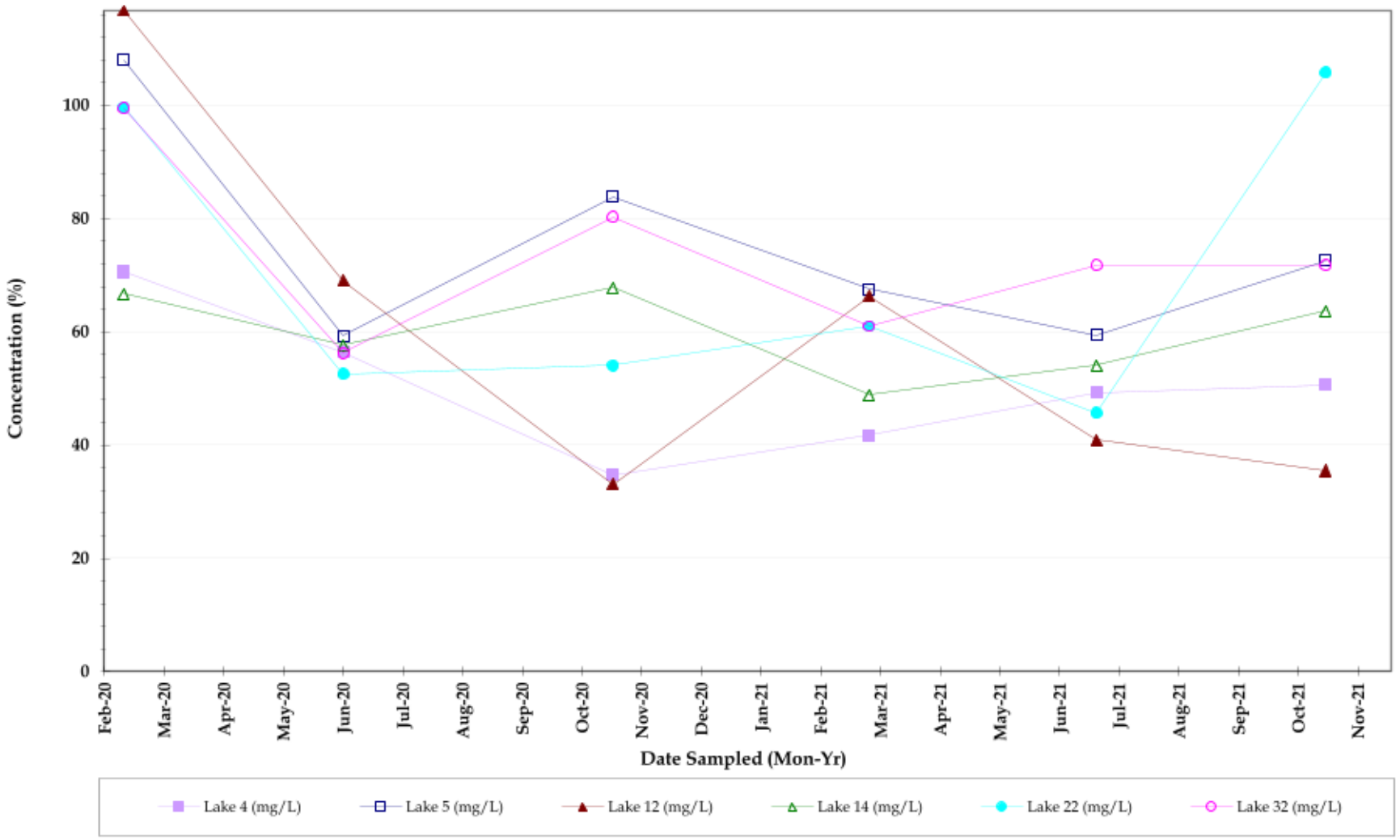


Dissolved Oxygen (mg/L)

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

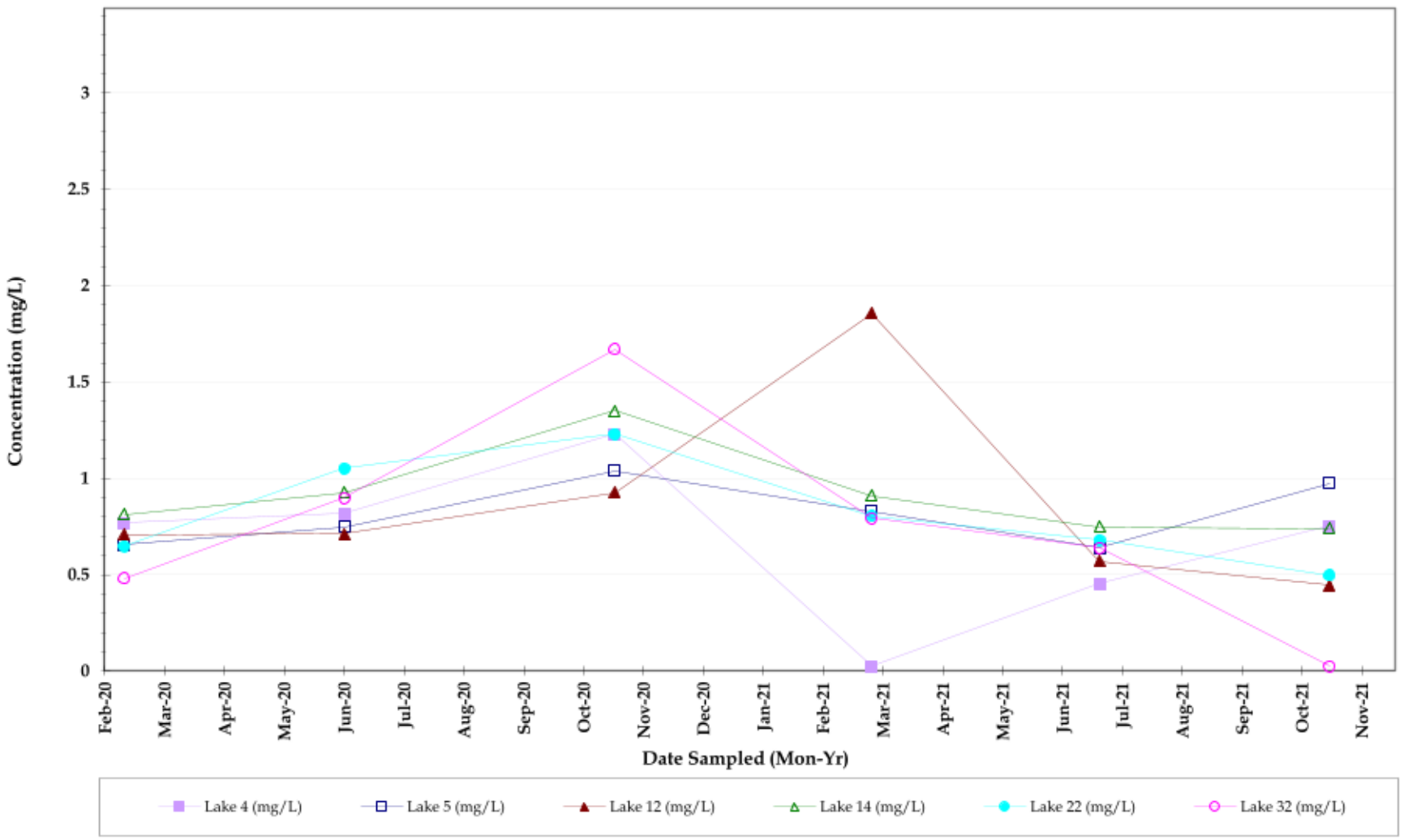


Dissolved Oxygen (%)

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

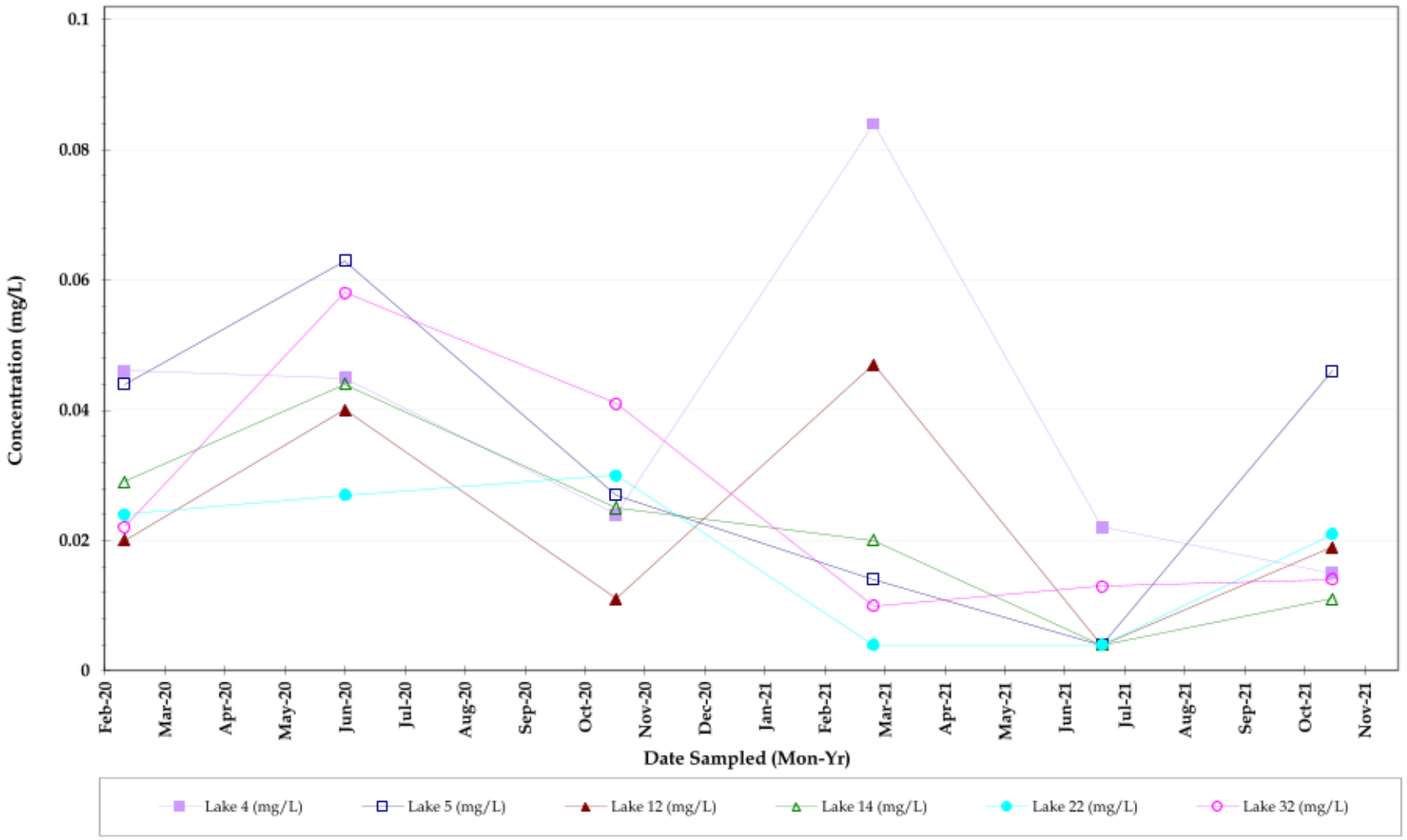


Total Nitrogen

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

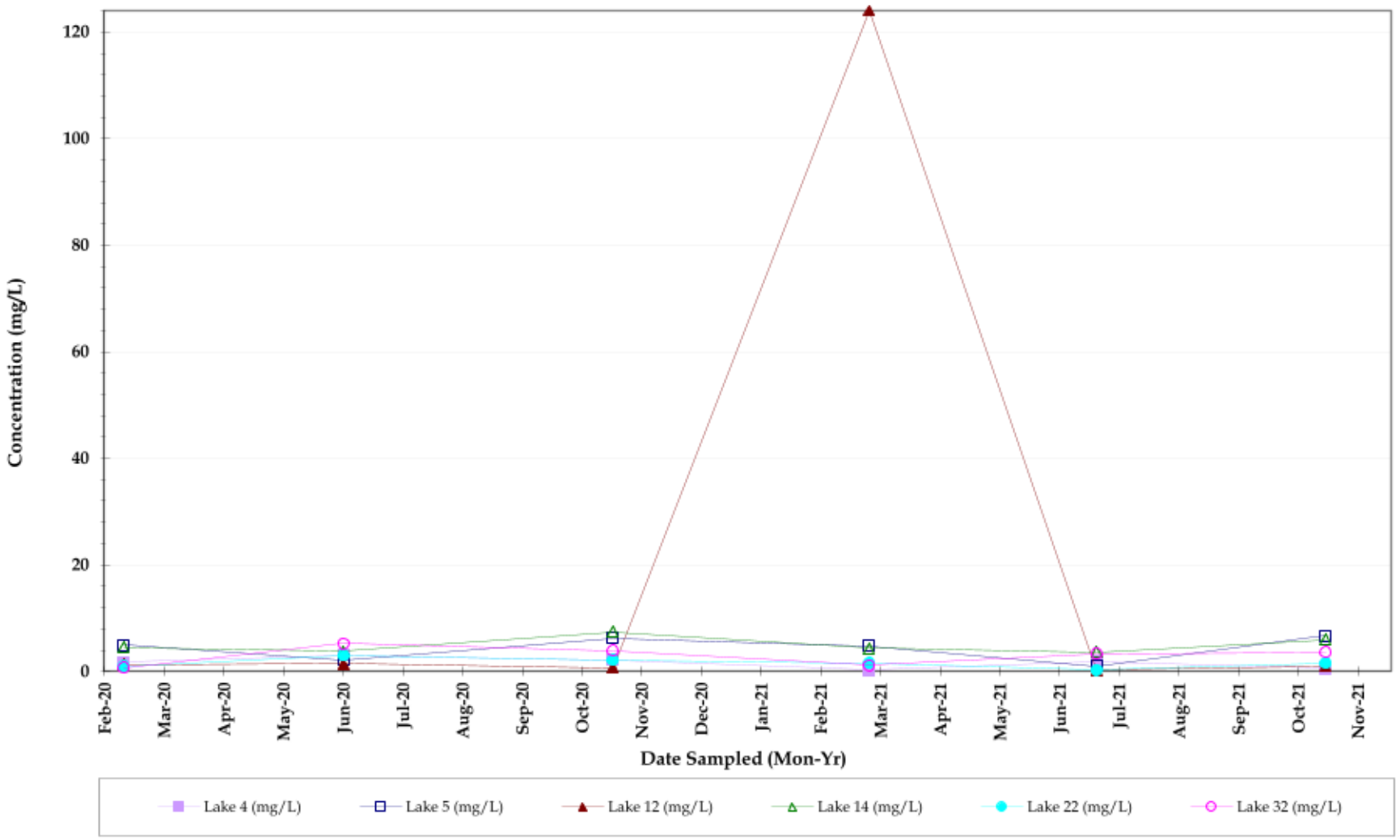


Total Phosphorus

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

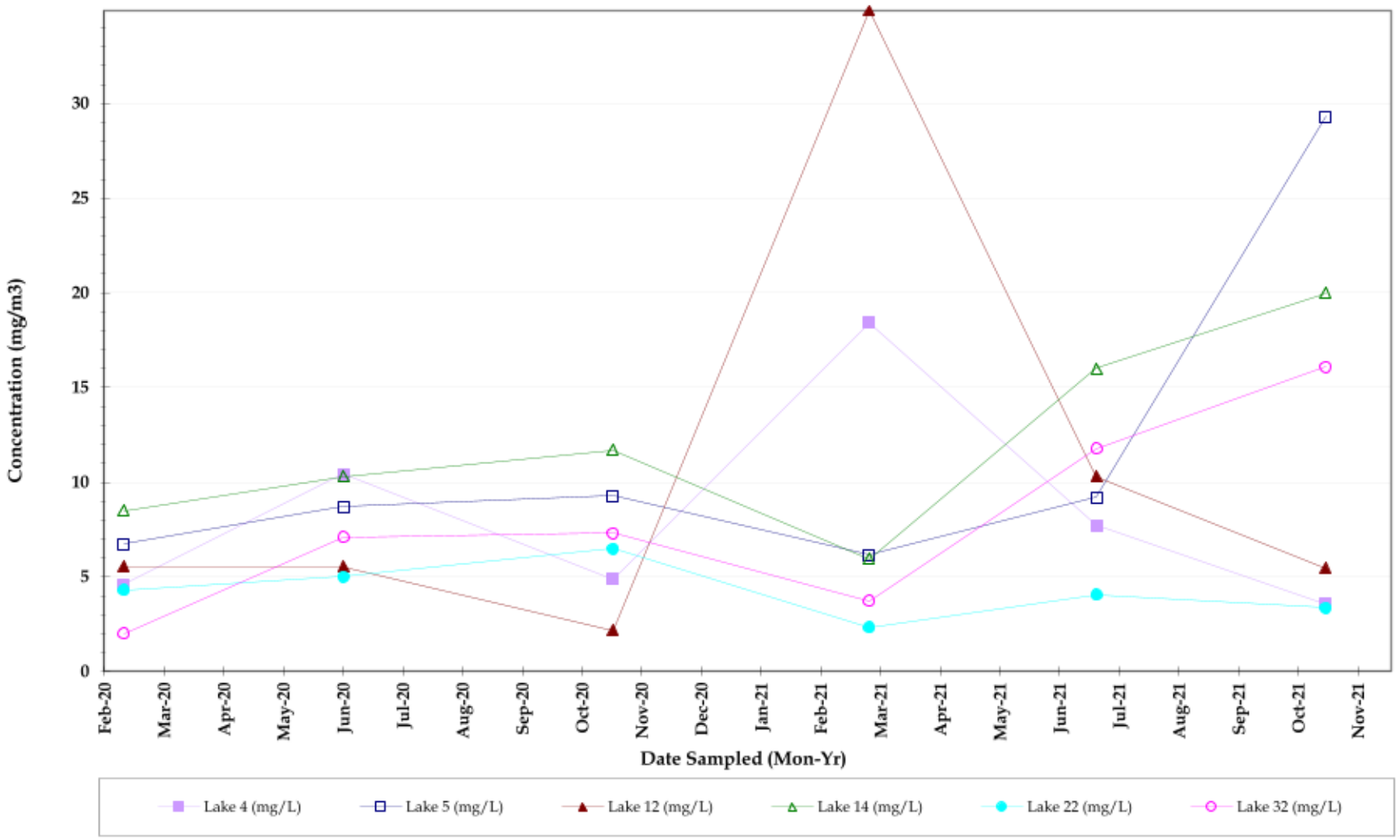


Total Suspended Solids

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

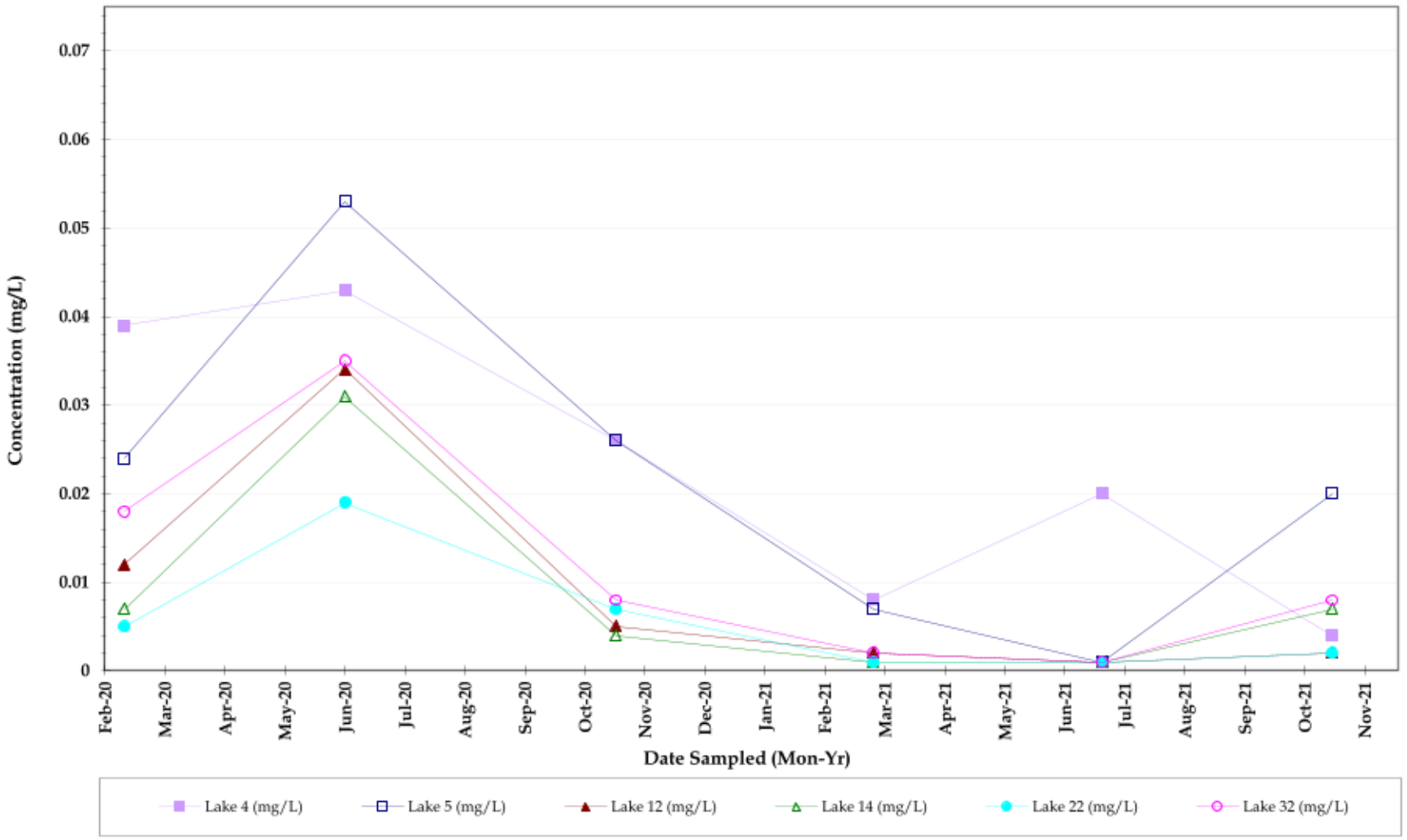


Chlorophyll *a*

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

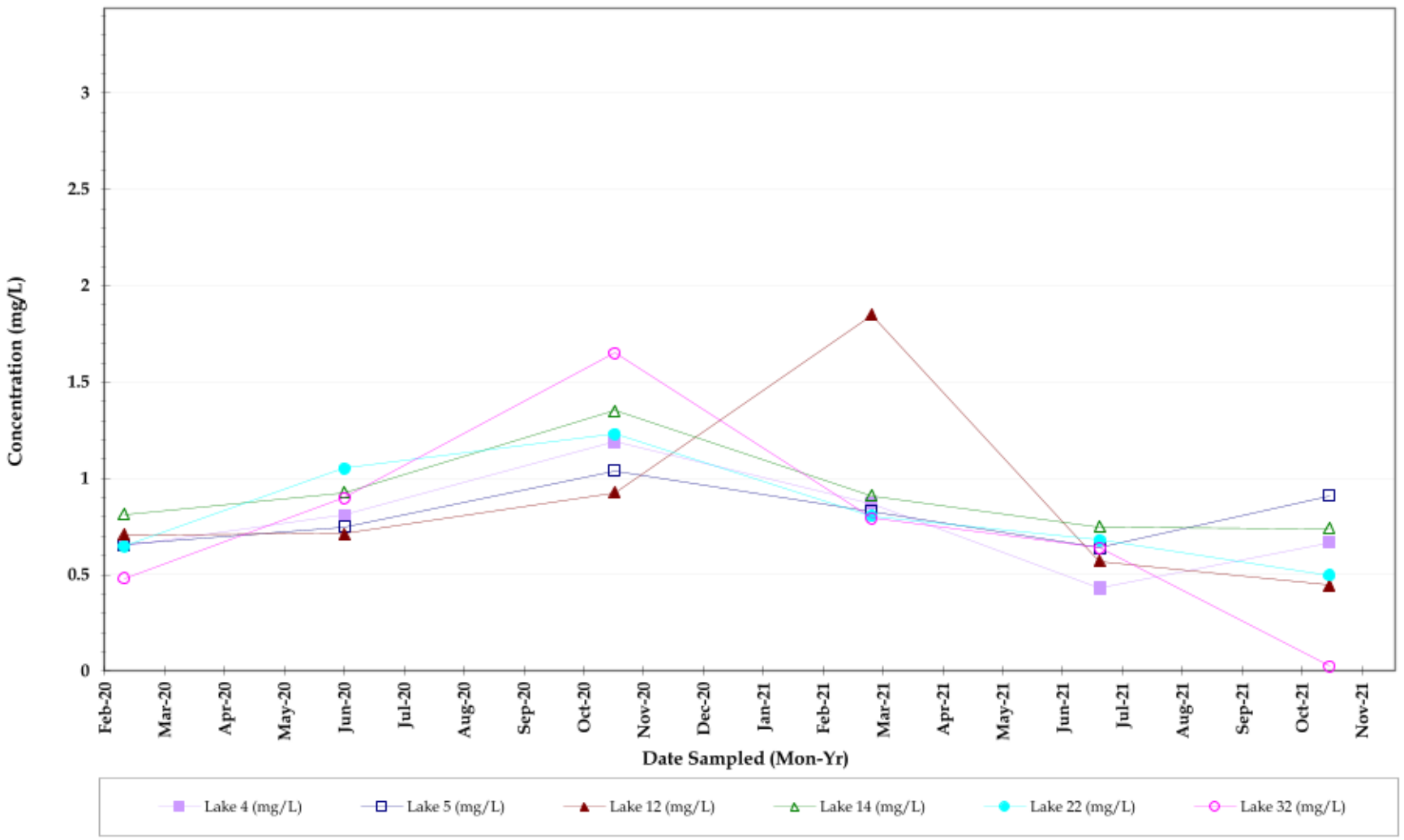


Orthophosphate

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

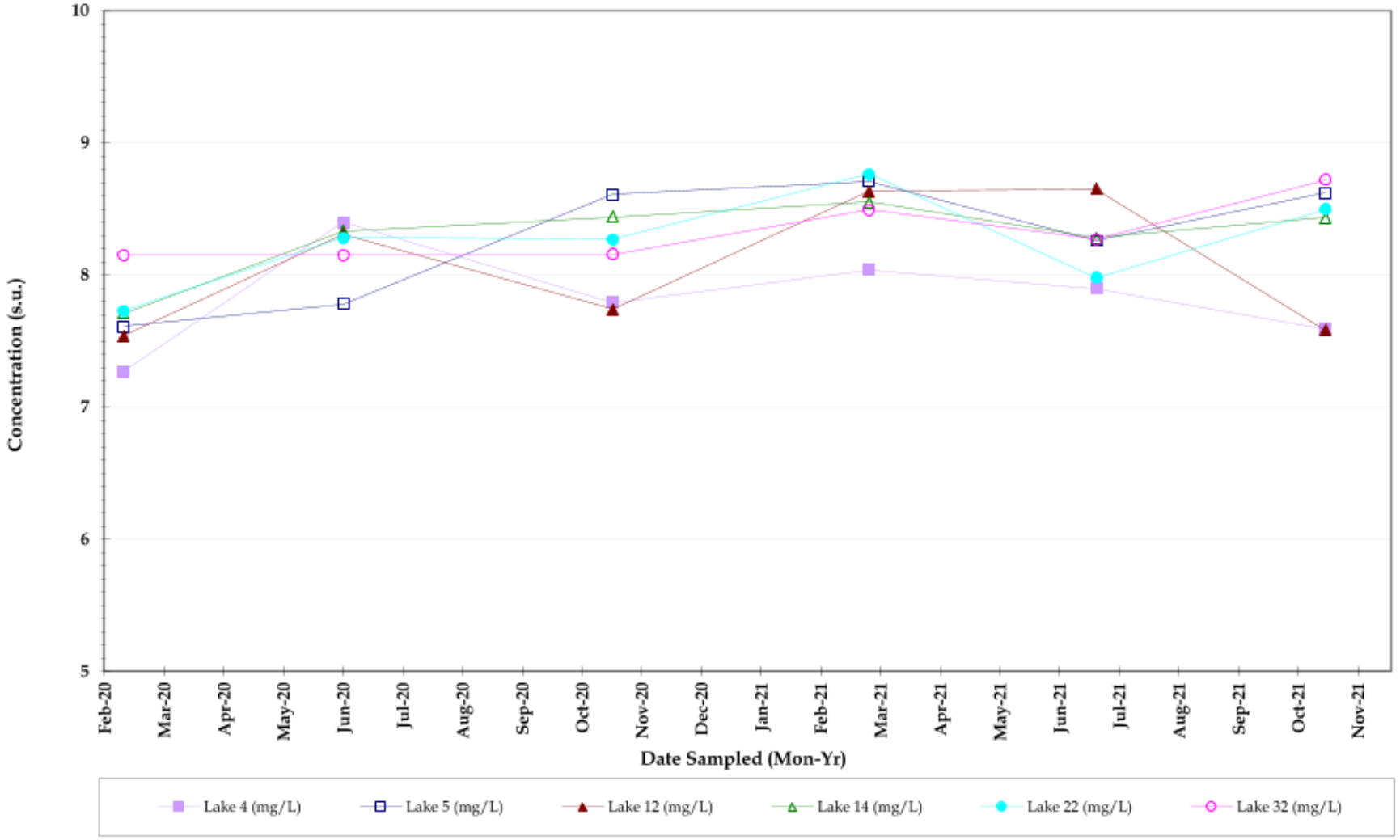


Total kjeldahl nitrogen (TKN)

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

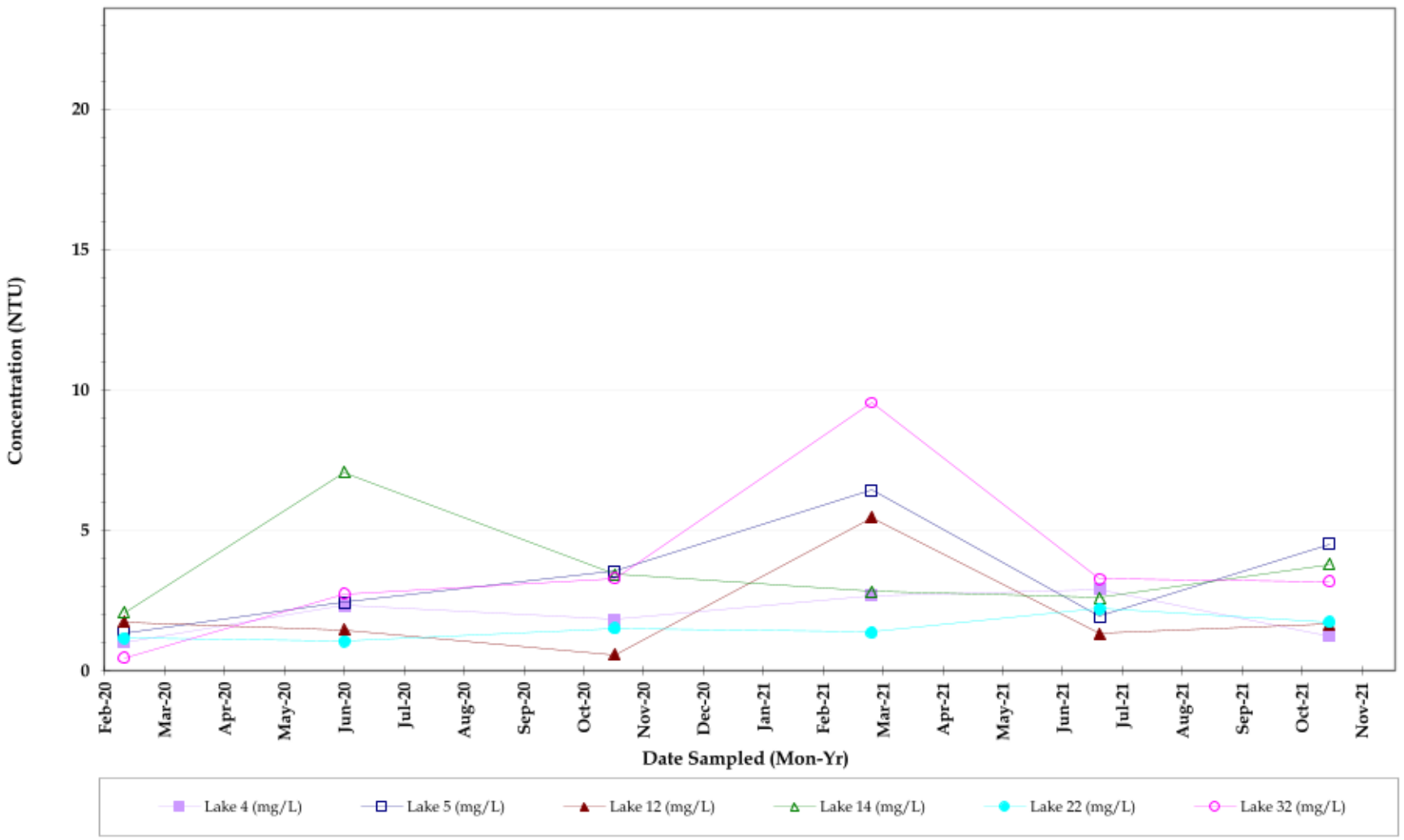


pH, Field

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

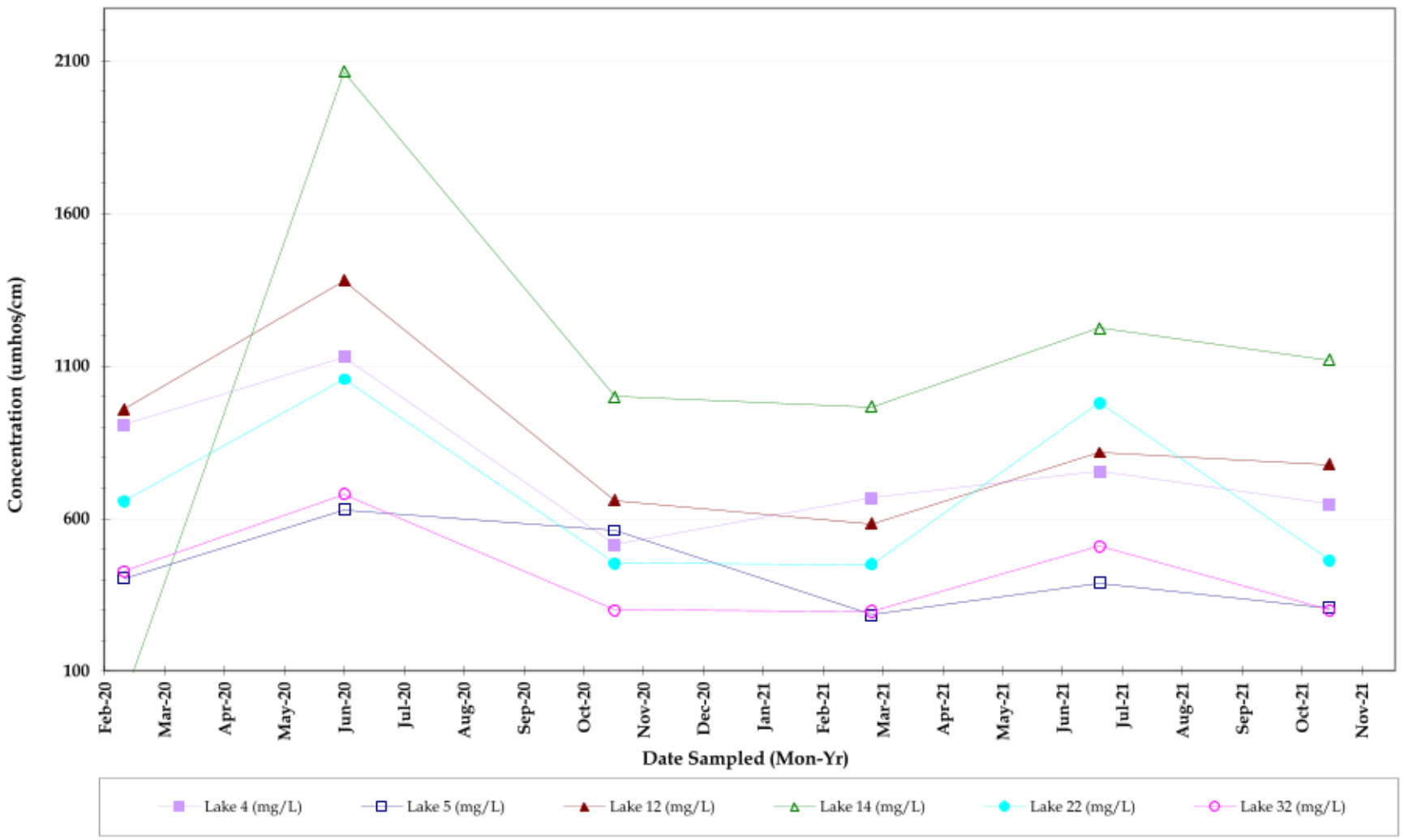


Turbidity

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

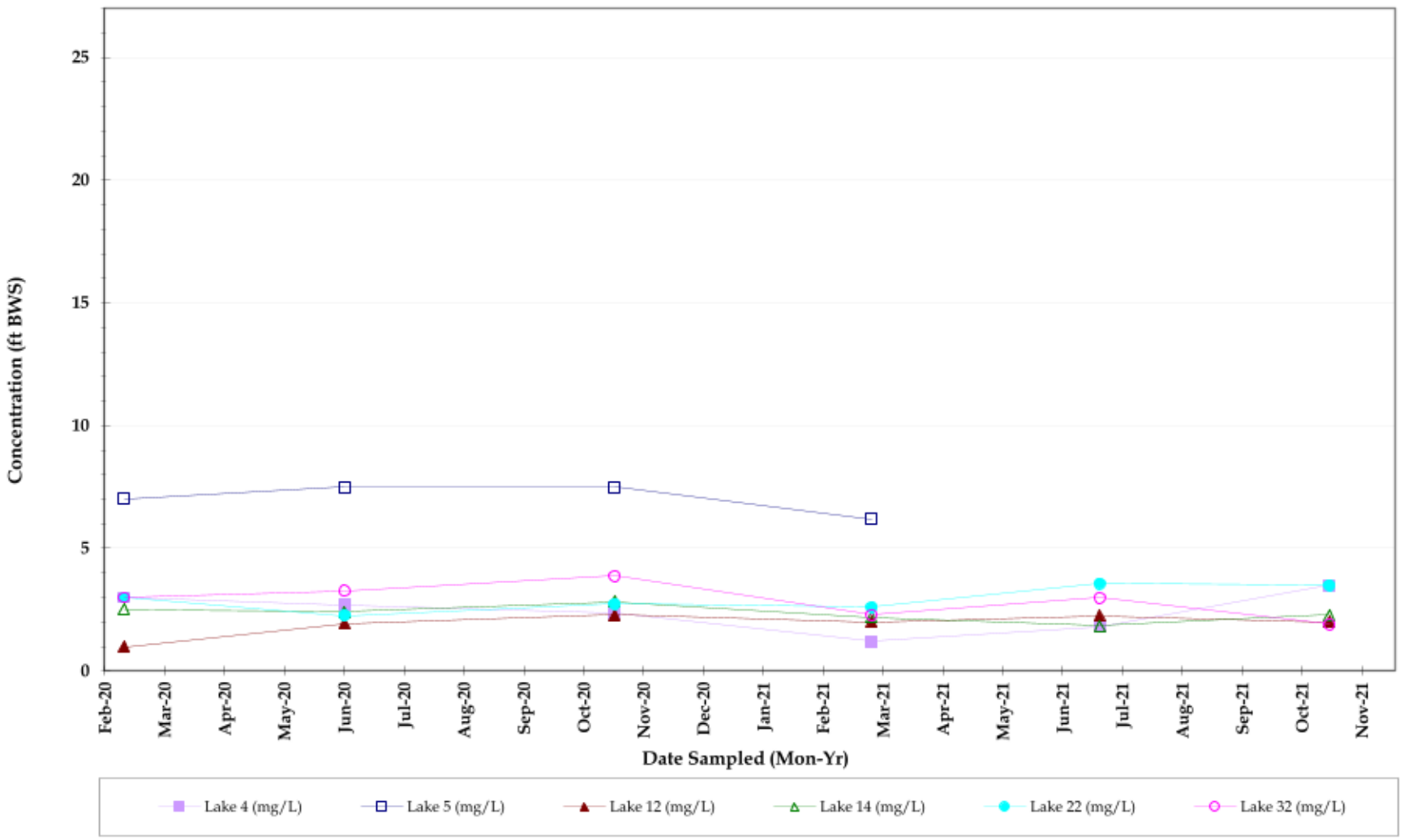


Conductivity

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

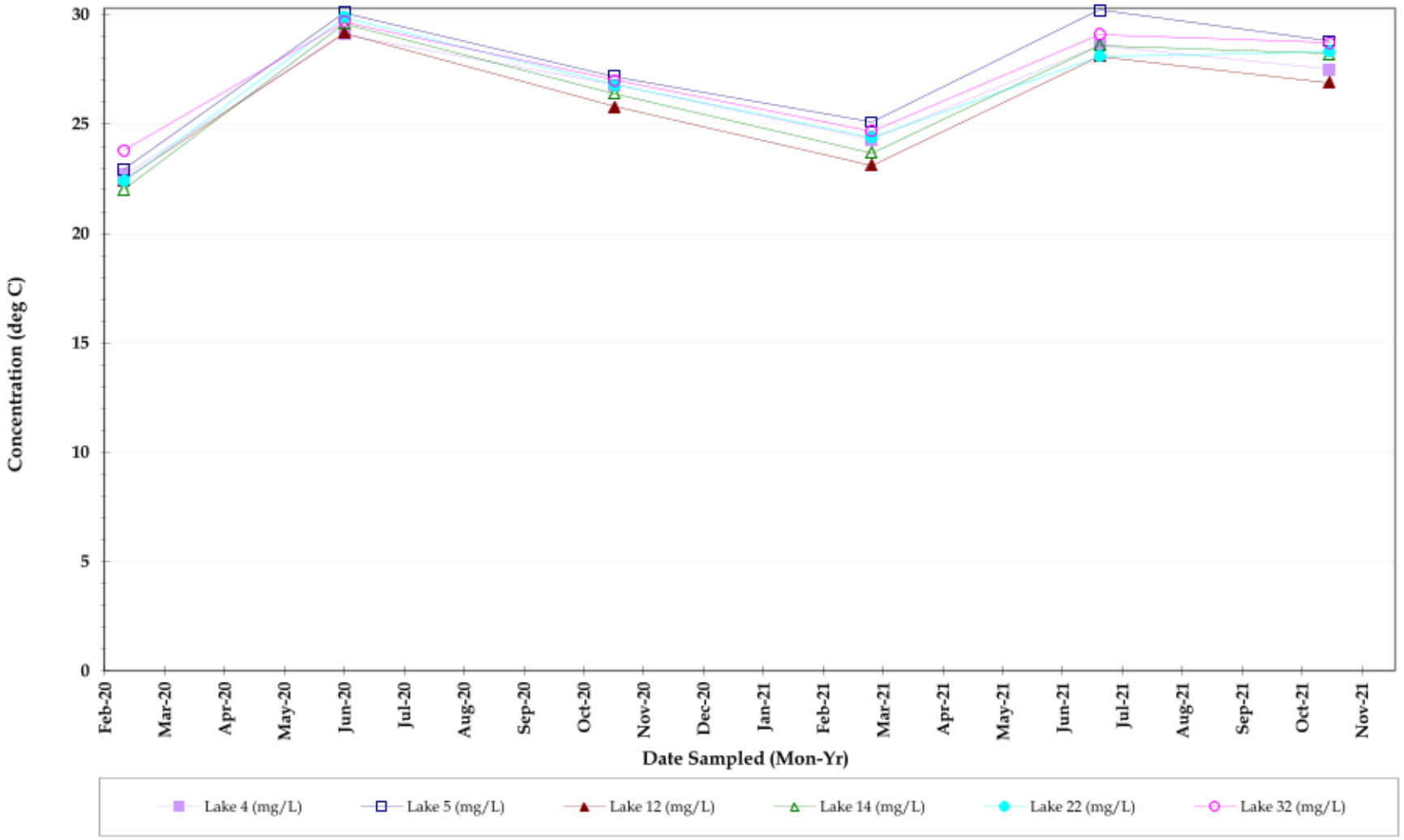


Water Depth

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021



Temperature, sample

Treviso Bay

Water Quality Surface Water Sample results

OCTOBER 2021

Laboratory Analytical Report

BENCHMARK
EnviroAnalytical Inc.

NELAC Certification #E84167

ANALYTICAL TEST REPORT
THESE RESULTS MEET NELAC STANDARDS

Submission Number : 21101654

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

Project Name : TREVISO LAKES WQM
Project #: 11147356-01
Date Received : 10/28/2021
Time Received : 1450

Submission Number: 21101654
Sample Number: 001
Sample Description: Lake 4

Sample Date: 10/27/2021
Sample Time: 0930
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.083	MG/L	0.008	0.032	350.1	11/02/2021 12:20	CW
TOTAL KJELDAHL NITROGEN	0.668	MG/L	0.05	0.20	351.2	11/12/2021 09:49	HR
ORTHO PHOSPHORUS AS P	0.004 I	MG/L	0.002	0.008	365.3	10/29/2021 09:12	KA
TOTAL PHOSPHORUS AS P	0.015 I	MG/L	0.008	0.032	365.3	11/04/2021 15:05	KA
CHLOROPHYLL A	3.57	MG/M3	0.25	1.00	445.0	11/05/2021 09:30	PN
TOTAL SUSPENDED SOLIDS	0.667 I	MG/L	0.570	2.280	SM2540D	10/29/2021 13:40	PG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	10/28/2021 16:00	LD/LD
NITRATE+NITRITE AS N	0.086	MG/L	0.006	0.024	SYSTEA EASY	11/02/2021 13:40	CW
TOTAL NITROGEN	0.754	MG/L	0.05	0.20	SYSTEA+351	11/12/2021 09:49	HR/CW

Submission Number: 21101654
Sample Number: 002
Sample Description: Lake 12

Sample Date: 10/27/2021
Sample Time: 0945
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.032	MG/L	0.008	0.032	350.1	11/02/2021 12:22	CW
TOTAL KJELDAHL NITROGEN	0.446	MG/L	0.05	0.20	351.2	11/12/2021 10:07	HR
ORTHO PHOSPHORUS AS P	0.002 I	MG/L	0.002	0.008	365.3	10/28/2021 17:28	KA
TOTAL PHOSPHORUS AS P	0.019 I	MG/L	0.008	0.032	365.3	11/04/2021 15:06	KA
CHLOROPHYLL A	5.44	MG/M3	0.25	1.00	445.0	11/05/2021 09:30	PN
TOTAL SUSPENDED SOLIDS	1.00 I	MG/L	0.570	2.280	SM2540D	10/29/2021 13:40	PG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	10/28/2021 16:00	LD/LD
NITRATE+NITRITE AS N	0.006 U	MG/L	0.006	0.024	SYSTEA EASY	11/02/2021 13:41	CW
TOTAL NITROGEN	0.446	MG/L	0.05	0.20	SYSTEA+351	11/12/2021 10:07	HR/CW

Submission Number: 21101654
Sample Number: 003
Sample Description: Lake 14

Sample Date: 10/27/2021
Sample Time: 1000
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.041	MG/L	0.008	0.032	350.1	11/02/2021 12:24	CW
TOTAL KJELDAHL NITROGEN	0.738	MG/L	0.05	0.20	351.2	11/12/2021 10:33	HR
ORTHO PHOSPHORUS AS P	0.007 I	MG/L	0.002	0.008	365.3	10/28/2021 17:29	KA
TOTAL PHOSPHORUS AS P	0.011 I	MG/L	0.008	0.032	365.3	11/04/2021 14:13	KA
CHLOROPHYLL A	20.0	MG/M3	0.25	1.00	445.0	11/05/2021 09:30	PN
TOTAL SUSPENDED SOLIDS	6.00	MG/L	0.570	2.280	SM2540D	10/29/2021 13:40	PG
BIOCHEMICAL OXYGEN DEMAND	1.61 I	MG/L	1	4	SM5210B	10/28/2021 16:00	LD/LD
NITRATE+NITRITE AS N	0.006 U	MG/L	0.006	0.024	SYSTEA EASY	11/02/2021 13:42	CW
TOTAL NITROGEN	0.738	MG/L	0.05	0.20	SYSTEA+351	11/12/2021 10:33	HR/CW

Submission Number: 21101654
Sample Number: 004
Sample Description: Lake 22

Sample Date: 10/27/2021
Sample Time: 1020
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.036	MG/L	0.008	0.032	350.1	11/02/2021 12:26	CW
TOTAL KJELDAHL NITROGEN	0.499	MG/L	0.05	0.20	351.2	11/12/2021 10:39	HR
ORTHO PHOSPHORUS AS P	0.002 I	MG/L	0.002	0.008	365.3	10/28/2021 17:31	KA
TOTAL PHOSPHORUS AS P	0.021 I	MG/L	0.008	0.032	365.3	11/04/2021 15:07	KA
CHLOROPHYLL A	3.35	MG/M3	0.25	1.00	445.0	11/05/2021 09:30	PN
TOTAL SUSPENDED SOLIDS	1.67 I	MG/L	0.570	2.280	SM2540D	10/29/2021 13:40	PG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	10/28/2021 16:00	LD/LD
NITRATE+NITRITE AS N	0.006 U	MG/L	0.006	0.024	SYSTEA EASY	11/02/2021 13:43	CW
TOTAL NITROGEN	0.499	MG/L	0.05	0.20	SYSTEA+351	11/12/2021 10:39	HR/CW

Submission Number: 21101654
Sample Number: 005
Sample Description: Lake 32

Sample Date: 10/27/2021
Sample Time: 1040
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.028 I	MG/L	0.008	0.032	350.1	11/02/2021 12:35	CW
TOTAL KJELDAHL NITROGEN	0.05 U	MG/L	0.05	0.20	351.2	11/12/2021 10:55	HR
ORTHO PHOSPHORUS AS P	0.008	MG/L	0.002	0.008	365.3	10/28/2021 17:32	KA
TOTAL PHOSPHORUS AS P	0.014 I	MG/L	0.008	0.032	365.3	11/04/2021 14:14	KA
CHLOROPHYLL A	16.1	MG/M3	0.25	1.00	445.0	11/05/2021 09:30	PN

TOTAL SUSPENDED SOLIDS	3.67	MG/L	0.570	2.280	SM2540D	10/29/2021	13:40	PG
BIOCHEMICAL OXYGEN DEMAND	1.23 I	MG/L	1	4	SM5210B	10/28/2021	16:00	LD/LD
NITRATE+NITRITE AS N	0.006 U	MG/L	0.006	0.024	SYSTEA EASY	11/02/2021	13:44	CW
TOTAL NITROGEN	0.05 U	MG/L	0.05	0.20	SYSTEA+351	11/12/2021	10:55	HR/CW

Submission Number: 21101654
Sample Number: 006
Sample Description: Lake 5

Sample Date: 10/27/2021
Sample Time: 1100
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time		Analyst
AMMONIA NITROGEN	0.085	MG/L	0.008	0.032	350.1	11/02/2021	12:37	CW
TOTAL KJELDAHL NITROGEN	0.910	MG/L	0.05	0.20	351.2	11/12/2021	10:40	HR
ORTHO PHOSPHORUS AS P	0.020	MG/L	0.002	0.008	365.3	10/28/2021	17:33	KA
TOTAL PHOSPHORUS AS P	0.046	MG/L	0.008	0.032	365.3	11/04/2021	15:08	KA
CHLOROPHYLL A	29.3	MG/M3	0.25	1.00	445.0	11/05/2021	09:30	PN
TOTAL SUSPENDED SOLIDS	6.67	MG/L	0.570	2.280	SM2540D	10/29/2021	13:40	PG
BIOCHEMICAL OXYGEN DEMAND	1.97 I	MG/L	1	4	SM5210B	10/28/2021	16:00	LD/LD
NITRATE+NITRITE AS N	0.066	MG/L	0.006	0.024	SYSTEA EASY	11/02/2021	13:45	CW
TOTAL NITROGEN	0.976	MG/L	0.05	0.20	SYSTEA+351	11/12/2021	10:40	HR/CW

Dale D. Dixon / Laboratory Director — 11/15/2021 Date

Tülay Tanrisever - Technical Director/QC Officer

Kara Peterson - QA 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 10/26/21 at 0823.

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 #RAYL000570277

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: Andrew Wyatt (Andrew.Wyatt@ghd.com)
(Connor Haydon connor.haydon@ghd.com

Kit Shipped to client via UPS Standard in 1 large cooler

2020 PO# 34043122

Chain of Custody Form: Treviso Lakes WQM

Project Number: 11147356 - 01

Profile: 840, QC Report

Laboratory Submission #: 2110654

Station ID	Sample Type[1]	Sample Matrix[2]	NO_3-NO_2 (353.2) TKN (351.2) NH_3 (350.1) TP (365.3) T-N (Calc.)	BOD5 (SM5210B)	Ortho-Phos (Laboratory Filtered) (365.3)	TSS (SM2540D)	Chlorophyll a (445.0) Filtered @ Beas 10/28/21 0827	Laboratory Submission #
			1:4 H_2SO_4 pH<2	Plain	Plain	Plain	Plain	
			1 x ½ Pint Plastic	1 x 1 Quart Plastic	1 x ½ Pint Plastic	1 x 1 Quart Plastic	1 x 500mL Opaque Plastic	
Lake 4	Grab	SW	Date/Time: 10/27/21 0930					1
Lake 12	Grab	SW	Date/Time: 0945					2
Lake 14	Grab	SW	Date/Time: 1000					3
Lake 22	Grab	SW	Date/Time: 1020					4
Lake 32	Grab	SW	Date/Time: 1040					5
Lake 5	Grab	SW	Date/Time: 1100					6

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), 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 maximum temperature during storage should be 6°C (42.8°F).**
Under "Preservative," list any preservatives that were added to the sample container.

Laboratory Sample Acceptability: pH <2 :
BEAS Temperature: 9.1°C
BEA Temperature: 1.2°C

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.

1	Collector:	Date & Time:	2	Received By:	Date & Time:
3	Relinquished By:	Date & Time: 10/27/21 1344	4	Received By:	Date & Time: 10/27/21 1347
5	Relinquished By:	Date & Time: 10/28/21	6	Received By:	Date & Time: 10/28/21 1155
7	Relinquished By:	Date & Time: 10/28/21	8	Received By:	Date & Time: 10-28-21 1450

BENCHMARK

EnviroAnalytical, Inc.

NELAC CERTIFICATION #E84167

QC REPORT

Submission Number: 21101654
Project Name: TREVISO LAKES WQM

SUBMISSION	METHOD	ANALYTE	LAB SAMPLE	ANALYSIS DATE	QC FLAG	QC VALUE	SAMPLE RESULT	DUPLICATE RESULT	LR %RSD	SPK RESULT	STD-SPK RECOVERY
21101548 002	350.1	AMMONIA NITROGEN	599559	11/02/2021 14:44	LR		0.066	0.068	2.12		
21101702 006	350.1	AMMONIA NITROGEN	599857	11/02/2021 12:08	LR		0.095	0.103	5.43		
	350.1	AMMONIA NITROGEN		11/02/2021 15:17	MB	0.00	0.000				
	350.1	AMMONIA NITROGEN		11/02/2021 11:04	MB	0.00	0.000				
	350.1	AMMONIA NITROGEN		11/02/2021 11:34	MB	0.00	0.000				
	350.1	AMMONIA NITROGEN		11/02/2021 12:00	MB	0.00	0.000				
	350.1	AMMONIA NITROGEN		11/02/2021 12:27	MB	0.00	0.000				
	350.1	AMMONIA NITROGEN		11/02/2021 14:54	MB	0.00	0.000				
	350.1	AMMONIA NITROGEN		11/02/2021 14:42	PQL	0.03	0.036				119.0
21101555 001	350.1	AMMONIA NITROGEN	599567	11/02/2021 12:04	SPK	1.00	1.080			1.110	103.0
21101555 002	350.1	AMMONIA NITROGEN	599568	11/02/2021 12:31	SPK	1.00	1.070			1.050	97.4
21101711 001	350.1	AMMONIA NITROGEN	599878	11/02/2021 11:10	SPK	1.00	1.070			0.938	86.9
21101711 002	350.1	AMMONIA NITROGEN	599879	11/02/2021 11:38	SPK	1.00	1.070			1.080	101.0
	350.1	AMMONIA NITROGEN		11/02/2021 11:06	STD	1.00	0.945				94.5
	350.1	AMMONIA NITROGEN		11/02/2021 11:36	STD	1.00	0.941				94.1
	350.1	AMMONIA NITROGEN		11/02/2021 12:02	STD	1.00	0.956				95.6
	350.1	AMMONIA NITROGEN		11/02/2021 12:29	STD	1.00	0.964				96.4
	350.1	AMMONIA NITROGEN		11/02/2021 12:51	STD	1.00	0.973				97.3
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 10:03	LCS	2.00	1.990				99.5
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 10:28	LCS	2.00	2.050				103.0
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 10:46	LCS	2.00	2.130				107.0
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 11:09	LCS	2.00	2.160				108.0
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 13:50	LCS	2.00	2.110				106.0

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

SUBMISSION	METHOD	ANALYTE	LAB SAMPLE	ANALYSIS DATE	QC FLAG	QC VALUE	SAMPLE RESULT	DUPLICATE RESULT	LR %RSD	SPK RESULT	STD-SPK RECOVERY
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 14:07	LCS	2.00	2.080				104.0
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 14:25	LCS	2.00	2.110				106.0
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 14:44	LCS	2.00	2.150				108.0
21110058 002	351.2	TOTAL KJELDAHL NITROGEN	600066	11/12/2021 13:41	LR		0.763	0.767	0.37		
21110382 001	351.2	TOTAL KJELDAHL NITROGEN	600716	11/12/2021 10:35	LR		54.100	56.500	3.07		
21110452 001	351.2	TOTAL KJELDAHL NITROGEN	600842	11/12/2021 09:51	LR		73.900	72.100	1.74		
21110634 001	351.2	TOTAL KJELDAHL NITROGEN	601193	11/12/2021 14:15	LR		9.260	9.010	1.94		
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 09:47	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 10:02	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 10:27	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 10:44	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 11:08	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 13:36	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 13:49	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 14:05	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 14:24	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 14:43	MB	0.00	0.000				
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 09:43	PQL	0.25	0.278				111.0
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 13:30	PQL	0.25	0.212				84.8
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 09:36	QCS	2.50	2.220				88.8
	351.2	TOTAL KJELDAHL NITROGEN		11/12/2021 13:21	QCS	2.50	2.390				95.6
21101654 001	351.2	TOTAL KJELDAHL NITROGEN	599774	11/12/2021 09:49	SPK	2.00	2.670			2.660	99.6
21101654 002	351.2	TOTAL KJELDAHL NITROGEN	599775	11/12/2021 10:07	SPK	2.00	2.450			2.390	97.2
21101654 003	351.2	TOTAL KJELDAHL NITROGEN	599776	11/12/2021 10:33	SPK	2.00	2.740			2.810	104.0
21101654 005	351.2	TOTAL KJELDAHL NITROGEN	599778	11/12/2021 10:50	SPK	2.00	2.580			2.440	93.3
21101654 005	351.2	TOTAL KJELDAHL NITROGEN	599778	11/12/2021 10:55	SPK	2.00	2.000			1.920	96.0
21110405 001	351.2	TOTAL KJELDAHL NITROGEN	600755	11/12/2021 14:12	SPK	2.00	2.850			2.790	97.2
21110495 003	351.2	TOTAL KJELDAHL NITROGEN	600930	11/12/2021 14:30	SPK	2.00	2.740			2.830	104.0
21110594 002	351.2	TOTAL KJELDAHL NITROGEN	601114	11/12/2021 13:39	SPK	2.00	2.950			3.090	107.0
21110631 001	351.2	TOTAL KJELDAHL NITROGEN	601189	11/12/2021 13:55	SPK	2.00	2.690			2.760	103.0
21101623 001	365.3	ORTHO PHOSPHORUS AS P	599732	10/28/2021 12:27	LR		1.320	1.330	0.42		
21101623 001	365.3	ORTHO PHOSPHORUS AS P	599732	10/28/2021 12:27	LR		1.320	1.330	0.42		
21101654 001	365.3	ORTHO PHOSPHORUS AS P	599774	10/29/2021 09:12	LR		0.005	0.005	0.00		

SUBMISSION	METHOD	ANALYTE	LAB SAMPLE	ANALYSIS DATE	QC FLAG	QC VALUE	SAMPLE RESULT	DUPLICATE RESULT	LR %RSD	SPK RESULT	STD-SPK RECOVERY
21101654 001	365.3	ORTHO PHOSPHORUS AS P	599774	10/29/2021 09:12	LR		0.005	0.005	0.00		
21101702 001	365.3	ORTHO PHOSPHORUS AS P	599852	10/29/2021 17:07	LR		1.300	1.320	0.92		
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 11:57	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 11:58	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 12:10	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:17	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:19	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:39	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:55	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/29/2021 17:02	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/29/2021 17:03	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/29/2021 17:20	MB	0.00	0.000				
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 12:01	PQL	0.01	0.009				87.0
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:21	PQL	0.01	0.008				83.0
	365.3	ORTHO PHOSPHORUS AS P		10/29/2021 17:06	PQL	0.01	0.009				86.0
21101615 025	365.3	ORTHO PHOSPHORUS AS P	599722	10/28/2021 12:29	SPK	0.25	0.290			0.289	99.6
21101682 001	365.3	ORTHO PHOSPHORUS AS P	599806	10/28/2021 17:25	SPK	0.20	0.367			0.394	113.0
21101711 001	365.3	ORTHO PHOSPHORUS AS P	599878	10/29/2021 17:10	SPK	0.20	0.387			0.412	113.0
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 11:59	STD	0.20	0.194				97.2
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 12:35	STD	0.20	0.195				97.3
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:20	STD	0.20	0.193				96.5
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:40	STD	0.20	0.226				113.0
	365.3	ORTHO PHOSPHORUS AS P		10/28/2021 17:56	STD	0.20	0.230				115.0
	365.3	ORTHO PHOSPHORUS AS P		10/29/2021 17:05	STD	0.20	0.192				95.9
	365.3	ORTHO PHOSPHORUS AS P		10/29/2021 17:21	STD	0.00	0.221				110.5
21101435 001	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 13:57	LR		0.163	0.164	0.13		
21110034 001	365.3	TOTAL PHOSPHORUS AS P	600032	11/04/2021 14:22	LR		8.070	7.690	3.39		
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 13:53	MB	0.00	0.000				
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 13:54	MB	0.00	0.000				
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:09	MB	0.00	0.000				
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:20	MB	0.00	0.000				
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:34	MB	0.00	0.000				
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:45	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	METHOD	ANALYTE	LAB SAMPLE	ANALYSIS DATE	QC FLAG	QC VALUE	SAMPLE RESULT	DUPLICATE RESULT	LR %RSD	SPK RESULT	STD-SPK RECOVERY
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 15:42	PQL	0.02	0.020				101.0
21110090 002	365.3	TOTAL PHOSPHORUS AS P	600140	11/04/2021 13:59	SPK	0.20	0.297			0.284	93.5
21110192 002	365.3	TOTAL PHOSPHORUS AS P	600352	11/04/2021 15:13	SPK	0.20	0.414			0.454	120.0
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 13:55	STD	0.20	0.194				96.9
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:10	STD	0.20	0.221				111.0
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:21	STD	0.20	0.221				110.0
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:35	STD	0.20	0.220				110.0
	365.3	TOTAL PHOSPHORUS AS P		11/04/2021 14:46	STD	0.20	0.221				110.0
21101511 002	445.0	CHLOROPHYLL A	599491	11/05/2021 09:30	LR		1.436	1.350	4.20		
21101654 006	445.0	CHLOROPHYLL A	599779	11/05/2021 09:30	LR		29.275	35.220	13.04		
	445.0	CHLOROPHYLL A		11/05/2021 09:30	MB	0.00	-0.100				
	445.0	CHLOROPHYLL A		11/05/2021 09:30	STD	42.93	40.787				95.0
21101548 001	SM2540D	TOTAL SUSPENDED SOLIDS	599558	10/29/2021 13:40	LR		52.000	48.000	5.66		
21101593 001	SM2540D	TOTAL SUSPENDED SOLIDS	599644	10/29/2021 13:40	LR		180.000	196.000	6.02		
21101631 001	SM2540D	TOTAL SUSPENDED SOLIDS	599739	10/29/2021 13:40	LR		96.000	92.000	3.01		
21101634 001	SM2540D	TOTAL SUSPENDED SOLIDS	599740	10/29/2021 13:40	LR		244.000	268.000	6.63		
21101653 001	SM2540D	TOTAL SUSPENDED SOLIDS	599772	10/29/2021 13:40	LR		140.000	128.000	6.33		
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	MB	0.00	0.000				
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	MB	0.00	0.000				
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	MB	0.00	0.000				
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	MB	0.00	0.000				
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	STD	951.00	968.000				101.8
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	STD	951.00	932.000				98.0
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	STD	951.00	940.000				98.8
	SM2540D	TOTAL SUSPENDED SOLIDS		10/29/2021 13:40	STD	951.00	912.000				95.9
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	MB	0.00	0.240				
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	MB	0.00	0.240				
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	MB	0.00	0.240				
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	228.450				115.4
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	198.450				100.2
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	229.950				116.1
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	169.950				85.8
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	228.450				115.4

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SUBMISSION	METHOD	ANALYTE	LAB SAMPLE	ANALYSIS DATE	QC FLAG	QC VALUE	SAMPLE RESULT	DUPLICATE RESULT	LR %RSD	SPK RESULT	STD-SPK RECOVERY
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	198.450				100.2
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	229.950				116.1
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	169.950				85.8
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	228.450				115.4
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	198.450				100.2
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	229.950				116.1
	SM5210B	BIOCHEMICAL OXYGEN DEMAND		10/28/2021 14:15	STD	198.00	169.950				85.8
21101555 001	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:36	LR		0.000	2.110	0.00		
21101555 002	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:48	LR		0.000	2.150	0.00		
21101711 001	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:12	LR		0.000	2.270	0.00		
21101711 002	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:24	LR		0.000	2.180	0.00		
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:08	MB	0.00	0.000				
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:22	MB	0.00	0.000				
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:34	MB	0.00	0.000				
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:47	MB	0.00	0.000				
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:55	MB	0.00	0.000				
21101555 001	SYSTEA EAS	NITRATE+NITRITE AS N	599567	11/02/2021 13:36	SPK	2.00	2.170			2.140	98.6
21101555 002	SYSTEA EAS	NITRATE+NITRITE AS N	599568	11/02/2021 13:48	SPK	2.00	2.190			2.080	94.7
21101711 001	SYSTEA EAS	NITRATE+NITRITE AS N	599878	11/02/2021 13:12	SPK	2.00	2.250			2.270	101.0
21101711 002	SYSTEA EAS	NITRATE+NITRITE AS N	599879	11/02/2021 13:24	SPK	2.00	2.190			2.170	99.0
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:09	STD	0.25	0.235				94.1
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:11	STD	0.25	0.236				94.2
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:23	STD	0.25	0.231				92.5
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:35	STD	0.25	0.231				92.2
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:47	STD	0.25	0.232				92.7
	SYSTEA EAS	NITRATE+NITRITE AS N		11/02/2021 13:56	STD	0.25	0.233				93.3

NOTES:

Surface Water Field Sheets

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	**LAKE 4**
LOCATION:	CENTER OF LAKE / FORWARD OF WEIR
DATE/TIME:	10/27/21 0930
ALL TIMES ARE:	(EDT) or CDT (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: 3.5 (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)
0930	1.5	7.59	3.99	50.6	27.5	646	1.24
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: NA

Samples immediately placed on ice? (Yes) No

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

PERSONNEL ON SITE: Andrew Wyatt, Connor Hayden

REMARKS: Algae film present on water surface

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	**LAKE 12**
LOCATION:	WEST SIDE OF LAKE (OUTFALL STRUCTURE AREA) FORWARD OF WEIR
DATE/TIME:	10/27/21 0945
ALL TIMES ARE:	(EDT) or CDT (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: 2.0 (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)
0945	1.5	7.85	2.84	35.5	26.9	777	1.66
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: Andrew Wyatt, Conor Haydon

REMARKS: Water is clear

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	**LAKE 14**
LOCATION:	WEST SIDE OF LAKE (OUTFALL STRUCTURE AREA) FORWARD OF WEIR
DATE/TIME:	10/27/21 1000
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: 2.3 (feet) Sample Depth: 1.5 (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)
1000	1.5	8.43	4.92	63.7	28.2	1119	3.80
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: Andrew Wyatt, Conor Hayden

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	**LAKE 22**
LOCATION:	FORWARD OF WEIR
DATE/TIME:	10/27/21 1020
ALL TIMES ARE:	(ETZ) or CTZ (circle one)

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

Water Characteristics

TOTAL WATER DEPTH: 3.5 (feet) Sample Depth: 1.5 (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)
1020	1.5	8.50	8.24	105.8	28.3	462	1.75
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: Andrew Wyatt, Conor Haydon

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	**LAKE 32**
LOCATION:	CENTER OF LAKE / FORWARD OF WEIR
DATE/TIME:	10/27/21 1040
ALL TIMES ARE:	(EDT) 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: 1.9 (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)
1040	1.0	8.72	5.54	71.8	28.7	298	3.18
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: Not

Samples immediately placed on ice? (Yes) No

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

PERSONNEL ON SITE: Andrew Wyatt, Connor Hayden

REMARKS:

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	**LAKE 5**
LOCATION:	CENTER OF WEST END OF LAKE
DATE/TIME:	10/27/21 1100
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: (Average of 2 measurements) NM (feet) Sample Depth: 1.5 (feet)

STREAM FLOW:	(Circle One if applicable)	(No Flow)	Flow within Banks	Flood Conditions
WATER LEVEL:	(Circle One)	Low	(Normal)	High
WATER SAMPLE COLLECTION DEVICE	(Circle One)	Van Dorn	(Direct Grab with Sample Bottle)	Dipper Other ____

Field Measurements **Meter ID#** **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)
1100	1.5	8.62	5.60	72.5	28.8	308	4.53
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: Andrew Wyatt, Conor Hayden

REMARKS:

Laboratory Data Compliance Memo

Technical Memorandum

November 19, 2021

To	Mr. Bruce Bernard Manger of Field Operations Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316	**Tel**	716.205.1977
From	Sheri Finn/ro/8-NF	**Ref. No.**	11225022
Subject	Analytical Results Compliance Report Surface Water Quality Monitoring Treviso Bay Naples, Florida October 2021		

1. Compliance Review

Samples were collected in October 2021 in support of the Treviso Bay 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

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
October 2021

Sample Location/Sample ID:		Lake 4						Lake 5					
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**06/30/2021**	**10/27/2021**	**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**
Field Parameters	**Units**												
Total Water Depth	Feet	3	2.7	2.34	1.2	1.80	3.5	7	7.5	7.50	6.2	NM	NM
Sample Depth	Feet	1.5	1.5	1.5	0.5	1	1.5	1.5	1.5	1.5	1.5	surface	1.5
Conductivity, field	umhos/cm	908	1129	514	666	755	646	405	630	561	284	389	308
Dissolved oxygen (DO), field	mg/L	6.07	4.36	2.78	3.50	3.82	3.99	9.25	4.46	6.72	5.60	4.48	5.60
Dissolved oxygen (DO), field	%	70.6	56.4	34.7	41.7	49.3	50.6	107.9	59.3	83.9	67.5	59.4	72.5
pH, field	s.u.	7.27	8.4	7.79	8.04	7.9	7.59	7.61	7.78	8.61	8.71	8.26	8.62
Temperature, field	Deg C	22.68	29.1	26.8	24.3	28.6	27.5	22.95	30.1	27.2	25.1	30.2	28.8
Turbidity, field	NTU	1.02	2.33	1.84	2.70	2.91	1.24	1.36	2.45	3.54	6.43	1.94	4.53
Secchi Disk	Depth												
Wet Parameters	**Units**												
Ammonia-N	mg/L	0.010 I	0.008 U	0.181	0.008 U	0.084	0.083	0.008 U	0.009 I	0.030 I	0.008 U	0.053	0.085
TAN criteria calculation	mg/L	1.39	0.23	NS	NS	NS	NS	1.04	0.54	NS	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.651	0.812	1.19	0.870	0.431	0.668	0.654	0.750	1.04	0.828	0.638	0.910
Total nitrogen	mg/L	0.770	0.818	1.23	0.05 U	0.451	0.754	0.654	0.750	1.04	0.828	0.638	0.976
Nitrite/Nitrate	mg/L	0.119	0.006 I	0.043	0.130	0.020 I	0.086	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	0.066
Ortho phosphorus (Field Filtered)	mg/L	0.039	0.043	0.026	0.008	0.020	0.004 I	0.024	0.053	0.026	0.007 I	0.002 U	0.020
Total phosphorus	mg/L	0.046	0.045	0.024 I	0.084	0.022 I	0.015 I	0.044	0.063	0.027 I	0.014 I	0.008 U	0.046
Chlorophyll	mg/m3	4.58	10.4	4.87	18.4	7.73	3.57	6.71	8.71	9.27	6.17	9.17	29.3
Total suspended solids (TSS)	mg/L	1.75 I	3.00	2.20 I	0.570 U	1.93 I	0.667 I	5.00	2.25 I	6.20	4.80	1.00 I	6.67
Biochemical oxygen demand (total BOD5)	mg/L	1 U	1.0 U	1 U	1.08 I	1 U	1 U	1.11 I	1.0 U	1.49 I	1.11 I	1 U	1.97 I

Sample Location/Sample ID:		Lake 14						Lake 22					
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**	**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**
Field Parameters	**Units**												
Total Water Depth	Feet	2.5	2.41	2.81	2.2	1.83	2.3	3	2.27	2.74	2.6	3.58	3.5
Sample Depth	Feet	1.5	1.5	1.5	1.5	1	1.5	1.5	surface	overflow	1.5	1.5	1.5
Conductivity, field	umhos/cm	14.67	2066	999	967	1223	1119	656	1057	453	450	978	462
Dissolved oxygen (DO), field	mg/L	5.79	4.36	5.45	4.13	4.31	4.92	8.62	5.96	4.20	5.14	3.83	8.24
Dissolved oxygen (DO), field	%	66.7	57.6	67.8	48.8	54.1	63.7	99.6	52.6	54.0	61.0	45.7	105.8
pH, field	s.u.	7.71	8.33	8.44	8.55	8.28	8.43	7.73	8.28	8.27	8.76	7.98	8.50
Temperature, field	Deg C	22.04	29.6	26.4	23.7	28.6	28.2	22.42	29.9	26.8	24.4	28.1	28.3
Turbidity, field	NTU	2.07	7.06	3.44	2.83	2.60	3.80	1.17	1.06	1.52	1.38	2.21	1.75
Secchi Disk	Depth												

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
February 2020

Sample Location/Sample ID:		Lake 4						Lake 5					
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**06/30/2021**	**10/27/2021**	**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**
Wet Parameters	**Units**												
Ammonia-N	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.041	0.008 U	0.008 U	0.026 I	0.008 U	0.008 U	0.036
TAN criteria calculation	mg/L	0.99	0.25	NS	NS	NS	NS	0.94	0.27	NS	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.816	0.926	1.35	0.908	0.750	0.738	0.648	1.05	1.23	0.807	0.678	0.499
Total nitrogen	mg/L	0.816	0.926	1.35	0.908	0.750	0.738	0.648	1.05	1.23	0.807	0.678	0.499
Nitrite/Nitrate	mg/L	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	0.006 U	0.006 U
Ortho phosphorus (Field Filtered)	mg/L	0.007 I	0.031	0.004 I	0.002 U	0.002 U	0.007 I	0.005 I	0.019	0.007 I	0.002 U	0.002 U	0.002 I
Total phosphorus	mg/L	0.029 I	0.044	0.025 I	0.020 I	0.008 U	0.011 I	0.024 I	0.027 I	0.030 I	0.008 U	0.008 U	0.021 I
Chlorophyll	mg/m3	8.51	10.3	11.7	5.95	16.0	20.0	4.31	5.00	6.48	2.34	4.06	3.35
Total suspended solids (TSS)	mg/L	4.50	3.75	7.50	4.40	3.60	6.00	1.00 I	3.00	2.25 I	1.60 I	0.570 U	1.67 I
Biochemical oxygen demand (total BOD5)	mg/L	1.55 I	1.0 U	2.32 I	1.59 I	1.03 I	1.61 I	1 U	3.00	1.00	1 U	1 U	1 U

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
February 2020

Sample Location/Sample ID:		Lake 12					
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**
Field Parameters	**Units**						
Total Water Depth	Feet	1	1.95	2.30	2	2.24	2
Sample Depth	Feet	overflow	surface	overflow	1.5	1.5	1.5
Conductivity, field	umhos/cm	959	1382	658	583	817	777
Dissolved oxygen (DO), field	mg/L	10.03	5.25	2.69	5.69	8.65	2.84
Dissolved oxygen (DO), field	%	116.7	69.0	33.1	66.2	40.9	35.5
pH, field	s.u.	7.54	8.31	7.74	8.63	8.65	7.58
Temperature, field	Deg C	22.43	29.2	25.8	23.1	28.1	26.9
Turbidity, field	NTU	1.75	1.46	0.58	5.48	1.32	1.66
Secchi Disk	Depth						
Wet Parameters	**Units**						
Ammonia-N	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.032
TAN criteria calculation	mg/L	1.15	0.26	NS	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.708	0.710	0.927	1.85	0.570	0.446
Total nitrogen	mg/L	0.708	0.710	0.927	1.86	0.570	0.446
Nitrite/Nitrate	mg/L	0.006 U	0.006 U	0.006 U	0.008 I	0.006 U	0.006 U
Ortho phosphorus (Field Filtered)	mg/L	0.012	0.034	0.005 I	0.002 I	0.002 U	0.002 I
Total phosphorus	mg/L	0.020 I	0.040	0.011 I	0.047	0.008 U	0.019 I
Chlorophyll	mg/m3	5.55	5.55	2.19	34.9	10.3	5.44
Total suspended solids (TSS)	mg/L	1.25 I	1.50 I	0.769 I	124	0.570 U	1.00 I
Biochemical oxygen demand (total BOD5)	mg/L	1 U	1.0 U	1 U	4.07	1 U	1 U

Sample Location/Sample ID:		Lake 32					
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**
Field Parameters	**Units**						
Total Water Depth	Feet	3	3.28	3.87	2.3	2.98	1.9
Sample Depth	Feet	1.5	1.5	1.5	1.5	1.5	1
Conductivity, field	umhos/cm	426	680	298	296	508	298
Dissolved oxygen (DO), field	mg/L	8.4	4.27	6.44	5.08	5.71	5.54
Dissolved oxygen (DO), field	%	99.5	56.3	80.3	61.0	71.8	71.8
pH, field	s.u.	8.15	8.15	8.16	8.49	8.27	8.72
Temperature, field	Deg C	23.8	29.7	27.0	24.7	29.1	28.7
Turbidity, field	NTU	0.47	2.75	3.31	9.56	3.28	3.18
Secchi Disk	Depth						

Table 1

Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
February 2020

Sample Location/Sample ID:		Lake 12					
Sample Date:		**2/17/2020**	**6/4/2020**	**10/22/2020**	**03/04/2021**	**6/30/2021**	**10/27/2021**
Wet Parameters	**Units**						
Ammonia-N	mg/L	0.008 U	0.008 U	0.045	0.008 U	0.008 U	0.028 I
TAN criteria calculation	mg/L	0.49	0.33	NS	NS	NS	NS
Total kjeldahl nitrogen (TKN)	mg/L	0.483	0.897	1.65	0.791	0.639	0.05 U
Total nitrogen	mg/L	0.483	0.897	1.67	0.791	0.639	0.05 U
Nitrite/Nitrate	mg/L	0.006 U	0.006 U	0.018 I	0.006 U	0.006 U	0.006 U
Ortho phosphorus (Field Filtered)	mg/L	0.018	0.035	0.008	0.002 I	0.002 U	0.008
Total phosphorus	mg/L	0.022 I	0.058	0.041	0.010 I	0.013 I	0.014 I
Chlorophyll	mg/m3	2.00	7.08	7.29	3.73	11.8	16.1
Total suspended solids (TSS)	mg/L	0.750 I	5.25	4.00	1.20 I	3.40	3.67
Biochemical oxygen demand (total BOD5)	mg/L	1 U	1.0 U	1.25 I	1 U	1 U	1.23 I

Notes:

U - Not detected at the associated reporting limit
I - Reported value is between method detection limit and the practical quantitation limit
NS - Not sampled during noted event
* - DO values at or above 100% are possible super-saturation conditions due to high water temperatures and/or high volume of algae

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Memorandum

Date: February 1, 2022

To: James P. Ward - District Manager

From: Bruce Bernard - Field Asset Manager

Subject: Wentworth Estates CDD –January 2022 Report

CGA Project #: 17-9809

Lake Maintenance

Crosscreek Environmental (aquatic vendor) had a crew working within preserves located around Italia, Pavia, Siracusa, and Vercelli to control non-native plant growth.

The FGCU experimental buoys vendor, LG Sonic, was contacted on January 15, 2022, and informed of the CDD board decision to remove said buoys from the lakes. LG Sonic representative replied on January 20, 2022, that the removal will be scheduled for early February 2022.

GHD Services water quality lake report for October 2021 is attached. The GHD's summary indicates that the water conditions within the lakes has been stable of the last three reporting periods.

Landscape Maintenance

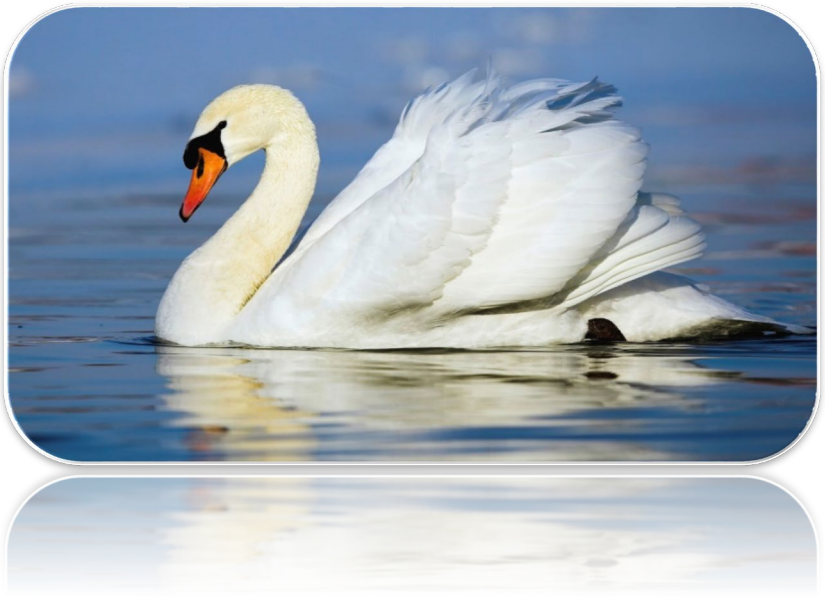
CDD staff will be sending landscaping and electrical lighting plans to vendors to obtain bid quotes for these improvements detailed at last months meeting.

West Coast Electric informed CDD staff that the replacement site light pole, along the inbound lane at the entrance, will be delivered the last week of January 2022 and they are scheduled for installation of pole soon after.

1800 Eller Drive
Suite 600
Fort Lauderdale, FL 33316
954.921.7781 phone
954.921.8807 fax

www.cgasolutions.com

WENTWORTH ESTATES COMMUNITY DEVELOPMENT DISTRICT



FINANCIAL STATEMENTS - JANUARY 2022

FISCAL YEAR 2022

PREPARED BY:

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

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

Wentworth Estates Community Development District

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JPWard & Associates, LLC

2301 NORTHEAST 37 STREET
FORT LAUDERDALE,
FLORIDA 33308

Wentworth Estates Community Develoment District
Balance Sheet
for the Period Ending January 31, 2022

	Governmental Funds			Account Groups		Totals (Memorandum Only)
	General Fund	Debt Service Fund Series 2021	Capital Projects Fund Series 2021	General Long Term Debt	Fixed Assets	
Assets						
Cash and Investments					---	
General Fund - Invested Cash	$ -	$ -	$ -	$ -		$ -
General Fund - Hancock Bank	$ 1,142,931					$ 1,142,931
Construction Account	-	-	-	-		-
Costs of Issuance Account	-	-	-	-		-
Debt Service Fund						
Interest Account	-	-	-	-		-
Sinking Account	-	-	-	-		-
Reserve Account	-	-	-	-		-
Revenue	-	1,651,212	-	-		1,651,212
Prepayment Account	-	-	-	-		-
Deferred Cost Account	-	-	-	-		-
Capital Project Fund - Series 2018						
Due from Other Funds						
General Fund	-	109,133	-	-		109,133.22
Debt Service Fund(s)	-	-	-	-		-
Market Valuation Adjustments	-	-	-	-		-
Accrued Interest Receivable	-	-	-	-		-
Assessments Receivable		-	-	-		-
Prepaid Expenses	-	-	-	-		-
Amount Available in Debt Service Funds	-	-	-	-		-
Amount to be Provided by Debt Service Funds	-	-	-	21,254,000		21,254,000
Investment in General Fixed Assets (net of depreciation)	-	-	-	-	45,257,809	45,257,809.00
Total Assets	**$ 1,142,931**	**$ 1,760,346**	**$ -**	**$ 21,254,000**	**$ 45,257,809**	**$ 69,415,085**

Prepared by:

Wentworth Estates Community Develoment District
Balance Sheet
for the Period Ending January 31, 2022

	Governmental Funds			Account Groups		Totals (Memorandum Only)
	General Fund	Debt Service Fund Series 2021	Capital Projects Fund Series 2021	General Long Term Debt	Fixed Assets	
Liabilities						
Accounts Payable & Payroll Liabilities	$ -	$ -	$ -	$ -		-
Due to Other Funds						-
General Fund	-			-		-
Debt Service Fund(s)	109,133	-	-	-		109,133
Loan - TB Master Turnover, Inc.	-					-
Due to Bondholders						-
Bonds Payable						-
Current Portion	-	-	-	1,231,000		1,231,000
Long Term	-	-	-	20,023,000		20,023,000
Matured Bonds Payable	-	-	-	-		-
Matured Interest Payable	-	-	-	-		-
Total Liabilities	**$ 109,133**	**$ -**	**$ -**	**$ 21,254,000**	**$ -**	**$ 21,363,133**
Fund Equity and Other Credits						
Investment in General Fixed Assets	-	-	-	-	45,257,809	45,257,809.00
Fund Balance						
Restricted						
Beginning: October 1, 2021 (Audited)	-	174,794	10,165	-		1,617,390.21
Results from Current Operations	-	1,585,552	(10,165)	-		142,955.43
Unassigned						-
Beginning: October 1, 2021 (Audited)	321,215	-	-	-		321,214.73
Results from Current Operations	712,583	-	-	-		712,582.70
Total Fund Equity and Other Credits	**$ 1,033,797**	**$ 1,760,346**	**$ 0**	**$ -**	**$ 45,257,809**	**$ 48,051,952**
Total Liabilities, Fund Equity and Other Credits	**$ 1,142,931**	**$ 1,760,346**	**$ 0**	**$ 21,254,000**	**$ 45,257,809**	**$ 69,415,085**

Wentworth Estates Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2022

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources							
Carryforward	-	-	-	-	-	-	
Interest							
Interest - General Checking	-	-	-	-	-	-	N/A
Special Assessment Revenue							
Special Assessments - On-Roll	8,534	243,326	544,356	56,371	852,586	1,019,615	84%
Special Assessments - Off-Roll	-	-	-	-	-	-	N/A
Miscellaneous Revenue	-	10,775	-	-	10,775	-	N/A
Intergovernmental Transfers In	-	-	-	-	-	-	
Total Revenue and Other Sources:	**8,534**	**254,101**	**$544,356**	**$56,371**	**863,361**	**$ 1,019,615**	**85%**
Expenditures and Other Uses							
Legislative							
Board of Supervisor's - Fees	-	-	-	-	-	6,000	0%
Board of Supervisor's - Taxes	-	-	-	-	-	-	N/A
Executive							
Professional Management	4,167	4,167	4,167	4,167	16,667	50,000	33%
Financial and Administrative							
Audit Services	-	-	4,900	-	4,900	4,900	100%
Accounting Services	1,333	1,333	1,333	1,333	5,333	16,000	33%
Assessment Roll Services	667	667	667	667	2,667	8,000	33%
Assessment Methodology Services					-	-	N/A
Arbitrage Rebate Services	-	-	-	-	-	500	0%
Other Contractual Services							
Recording and Transcription	-	-	-	-	-	-	N/A
Legal Advertising	-	322	-	-	322	2,900	11%
Trustee Services	-	-	-	-	-	8,400	0%
Dissemination	-	-	-	-	-	5,000	0%

Wentworth Estates Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2022

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Property Appraiser/Tax Collector Fees	-	-	-	-	-	22,000	0%
Bank Service Charges	4	6	-	-	10	400	2%
Travel and Per Diem	-	-	-	-	-	-	N/A
Communications & Freight Services							
Telephone	-	-	-	-	-	-	N/A
Postage, Freight & Messenger	-	-	65	-	65	500	13%
Insurance	-	48,893	-	-	48,893	53,760	91%
Printing & Binding	-	-	519	-	519	500	104%
Website Development	50	50	50	-	150	1,200	13%
Subscription & Memberships	-	175	-	-	175	175	100%
Legal Services							
Legal - General Counsel	-	1,653	-	245	1,898	20,000	9%
Legal - Foreclosure Counsel	-	-	-	-	-	-	N/A
Legal - Tax Counsel	-	-	-	-	-	-	N/A
Legal - Bond/Disclosure Counsel	-	-	-	-	-	-	N/A
Other General Government Services							
Engineering Services - General	-	-	-	-	-	15,000	0%
Engineering Services - Assets	-	-	-	-	-	9,000	0%
Reserve Study Report	-	9,000	-	-	9,000	-	N/A
Contingencies	-	-	-	-	-	-	N/A
Sub-Total:	**6,221**	**66,265**	**11,701**	**6,412**	**90,598**	**224,235**	**40%**
Stormwater Management Services							
Professional Services							
Asset Management	-	4,033	3,658	-	7,692	43,900	18%
Mitigation Monitoring	-	-	-	-	-	1,000	0%
NPDES Reporting	-	-	-	-	-	2,000	0%
Utility Services							
Electric - Aeration System	-	-	-	-	-	-	N/A
Repairs & Maintenance							

Wentworth Estates Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2022

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Lake & Wetland System							
Aquatic Weed Control	-	5,500	5,500	-	11,000	69,000	16%
Lake Bank Maintenance	-	-	-	-	-	2,000	0%
Water Quality Testing	-	-	4,530	-	4,530	14,000	32%
Water Control Structures	-	-	-	-	-	26,000	0%
Wetland System							
Routine Maintenance	-	2,899	2,899	-	5,798	39,500	15%
Water Quality Testing	-	-	-	-	-	-	N/A
Capital Outlay							
Aeration System	-	-	-	-	-	-	N/A
Lake Bank Restoration	-	800	1,050	-	1,850	216,800	1%
Littoral Shelf Replanting	-	-	-	-	-	12,000	0%
Contingencies/Inspection Services	-	-	-	-	-	20,800	0%
Road and Street Services							
Professional Management							
Asset Management	-	-	-	-	-	3,000	0%
Utility Services							
Electric							
Street Lights	-	1,256	-	673	1,928	1,200	161%
Pump Station	-	-	-	-	-	-	N/A
Bridge	-	87	-	46	133	1,200	11%
Repairs and Maintenance						-	N/A
Bridge - Entrance							
Bridge Inspection Report	-	-	-	-	-	15,000	0%
Maintnenace Services							
Bridge	-	-	-	-	-	-	N/A
Entry Monuments	-	-	-	-	-	-	N/A
Entry Wall	-	-	-	-	-	-	N/A
Street Lights/Directional	-	-	20	-	20	4,500	0%
Miscellaneous Repairs		2,175			2,175	9,000	24%

Wentworth Estates Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2022

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Capital Outlay							
Landscaping Lighting	-	-	-	-	-	34,000	0%
Sub-Total:	**-**	**16,750**	**17,658**	**719**	**35,126**	**514,900**	**7%**
Landscaping Services							
Professional Management							
Asset Management	-	875	875	-	1,750	6,500	27%
Water Quality Monitoring	-	805	805	-	1,610	12,000	13%
Utility Services							
Electric - Landscape Lighting	-	-	-	-	-	4,500	0%
Irrigation Water - Landscaping	-	-	-	-	-	-	N/A
Potable Water - Meter (Entry Fountain)	-	124	-	-	124	-	N/A
Potable Water - Fountain	-	-	-	248	248	500	50%
Repairs & Maintenance							
Public Area Landscaping							
Treviso Bay Blvd - Entrance	-	1,918	4,456	-	6,374	72,000	9%
Southwest Boulevard	-	5,452	5,452	-	10,903	26,000	42%
Irrigation System	-	-	927	-	927	3,700	25%
Well System	-	-	-	-	-	-	N/A
Plant Replacement	-	-	-	-	-	22,000	0%
Fountains	-	-	3,120	-	3,120	8,500	37%
Other Current Charges	-	-	-	-	-	-	N/A
Operating Supplies							
Mulch	-	-	-	-	-	6,500	0%
Contingencies	-	-	-	-	-	10,000	0%
Capital Outlay							
Engineering - Fountain Mechanical	-	-	-	-	-	26,000	0%
Sub-Total:	**-**	**9,173**	**15,634**	**248**	**25,055**	**198,200**	**13%**
Pump Station - Community Wide Irrigation System							
Professional Management							

Wentworth Estates Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2022

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Asset Management	-	-	-	-	-	-	N/A
Utility Services							
Electric - Pump Station	-	-	-	-	-	-	N/A
Repairs & Maintenance							
Pumps and Associated Facilities	-	-	-	-	-	-	N/A
Wells	-	-	-	-	-	-	N/A
Building	-	-	-	-	-	-	N/A
Reserve for Pump Replacement	-	-	-	-	-	-	N/A
Sub-Total:	**-**	**-**	**-**	**-**	**-**	**-**	N/A
Reserves							
Operations	-	-	-	-	-	-	N/A
Storm Events/Unforeseen Capital/Reserves	-	-	-	-	-	82,280	0%
Sub-Total:	**-**	**-**	**-**	**-**	**-**	**82,280**	**0%**
Total Expenditures and Other Uses:	**$ 6,221**	**$ 92,187**	**$ 44,992**	**$ 7,378**	**$ 150,779**	**$ 1,019,615**	**15%**
Net Increase/ (Decrease) in Fund Balance	2,313	161,914	499,364	48,992	712,583	-	
Fund Balance - Beginning	321,215	323,528	485,442	984,805	321,215	27,882	
Fund Balance - Ending	**$ 323,528**	**$ 485,442**	**$ 984,805**	**$ 1,033,797**	**1,033,797**	**$ 27,882**	

Wentworth Estates Community Development District
Debt Service Fund - Series 2021 Bonds
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2022

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources							
Carryforward						-	
Interest Income							
Revenue Account	1	1	0	1	3	-	N/A
Reserve Account	-	-	-	-	-	-	N/A
Prepayment Account	-	-	-	-	-	-	N/A
Interest Account	-	-	-	-	-	-	N/A
Sinking Fund Account	-	-	-	-	-	-	N/A
Special Assessment Revenue							
Special Assessments - On-Roll	16,187	471,078	1,053,871	109,133	1,650,269	-	N/A
Special Assessments - Off-Roll	-	-	-	-	-	-	N/A
Special Assessments - Prepayments	-	-	-	-	-	-	N/A
Discounts on Bonds	-	-	-	-	-	-	N/A
Proceeds from Refunding Bonds							
2018 Refinance (2006 Bonds)	-	-	-	-	-	-	N/A
Operating Transfers In (From Other Funds)	-	10,165	-	-	10,165	-	N/A
Total Revenue and Other Sources:	**$ 16,188**	**$ 481,244**	**$ 1,053,871**	**$ 109,134**	**$ 1,660,437**	**$ -**	N/A
Expenditures and Other Uses							
Proprety Appraiser/Tax Collector Fees					-	$ -	N/A
Debt Service							
Principal Debt Service - Mandatory							
Series 2021 Bonds	-	-	-	-	-	$ -	N/A
Principal Debt Service - Prepayments							
Series 2021 Bonds	-	-	-	-	-	-	N/A
Interest Expense							
Series 2021 Bonds	-	74,885	-	-	74,885	-	N/A
Foreclosure Counsel	-	-	-	-	-	-	N/A
Property Appraiser & Tax Collector	-	-	-	-	-	-	N/A
Pymt to Refunded Bonds Escrow Agent							
2018 Refinance (2006 Bonds)	-	-	-	-	-	-	N/A
Intragovermental Transfers Out	-	-	-	-	-	-	N/A
Total Expenditures and Other Uses:	**$ -**	**$ 74,885**	**$ -**	**$ -**	**$ 74,885**	**$ -**	N/A
Net Increase/ (Decrease) in Fund Balance	16,188	406,359	1,053,871	109,134	1,585,552	-	
Fund Balance - Beginning	174,794	190,982	597,340	1,651,211	174,794	-	
Fund Balance - Ending	**$ 190,982**	**$ 597,340**	**$ 1,651,211**	**$ 1,760,346**	**$ 1,760,346**	**$ -**	

Wentworth Estates Community Development District
Capital Project Fund - Series 2021 Bonds
Statement of Revenues, Expenditures and Changes in Fund Balance
Through January 31, 2022

Description	October	November	December	January	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources							
Carryforward						-	
Interest Income							
Costs of Issuance	0	0	-	-	0	-	N/A
Proceeds from Refunding Bonds							
2021 Refinance (2018 Bonds)	-	-	-	-	-	-	N/A
Operating Transfers In (From Other Funds)	-	-	-	-	-	-	N/A
Total Revenue and Other Sources:	**$ 0**	**$ 0**	**$ -**	**$ -**	**$ 0**	**$ -**	N/A
Expenditures and Other Uses							
Costs of Issuance							
Professional Management	-	-	-	-	-	-	N/A
Trustee Services	-	-	-	-	-	-	N/A
Legal Services							
General Counsel	-	-	-	-	-	-	N/A
Bond/Disclosure Counsel	-	-	-	-	-	-	N/A
Payment to Refunded Bds Escrow Agent	-	-	-	-	-	-	N/A
2021 Refinance (2018 Bonds)	-	-	-	-	-	-	N/A
Intragovermental Transfers Out	-	10,165	-	-	10,165	-	N/A
Total Expenditures and Other Uses:	**$ -**	**$ 10,165**	**$ -**	**$ -**	**$ 10,165**	**$ -**	N/A
Net Increase/ (Decrease) in Fund Balance	0	(10,165)	-	-	(10,165)	-	
Fund Balance - Beginning	10,165	10,165	-	-	10,165	-	
Fund Balance - Ending	**$ 10,165**	**$ -**	**$ -**	**$ -**	**-**	**$ -**	