

Our ref: 11225022-03

July 31, 2022

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

Water Quality Monitoring – June 2022 – Flow Way CDD

Dear Mr. Bernard:

GHD Services Inc. (GHD) is pleased to present the results of our water quality sampling services for the Flow Way and Lakes 7, 9, 12 and 18/19 - Flow Way CDD at Esplanade Golf and Country Club.

1. Water Quality Sampling – June 2022

The June 2022 sampling event consisted of the collection of five (5) surface water samples at five (5) sample locations (FW – Flow Way, FW – Lake 9, FW – Lake 7, FW – Lake 12, and FW – Lake 18/19) within the Esplanade Golf and Country Club as identified on **Figure 1**.

Samples were collected using direct-dip sampling methods. All samples were collected at a depth of 18 inches from the banks of the Lakes/Flow Way. See **Figure 1** for sampling locations.

Conductivity, dissolved oxygen, pH, and temperature were measured in the field with a calibrated YSI Model 556 multi-parameter water quality meter. Turbidity was also measured at each location. Surface Water Field Sheets are attached. Field data is summarized in the Table within the **Laboratory Data Compliance Memo**.

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 analyses 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 June 2022 sampling event were prepared and analyzed within the method required holding times. The laboratory data has 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 within the **Laboratory Data Compliance Memo**. The laboratory report is also attached. Trend graphs have been prepared for each monitor location for laboratory analytical results and select field measurements.

2. Analytical Summary

The June 2022 sampling event represents the send sampling event for the select five (5) WQ Locations for Flow Way. It is best to observe true trends after a minimum of three sampling events. Laboratory results are summarized in the **Laboratory Data Compliance Memo** and are displayed visually in the trend graphs, enclosed.

The only significant decrease in the results for the June 2022 sampling event was a dissolved oxygen (DO) concentration of 28% at sample location FW – Lake 9. With no other outlier sample results at Lake 9 in combination with the low DO observed, there does not seem to be a potential issue at this time.

3. Conclusions and Recommendations

The next tri-annual sampling event is planned for October 2022. There do not appear to be water quality concerns at this time. Please call if you have questions or need additional information.

Sincerely,
GHD



Connor Haydon
Engineering Intern



Lori Coolidge, P.G.
Geologist

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

Laboratory Data Compliance Memo



Technical Memorandum

July 22, 2022

To	Mr. Bruce Bernard Manager of Field Operations Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316	Tel	716.205-1977
Copy to	Connor Haydon	Email	Connor.Haydon@ghd.com
From	Sheri Finn/eew/14	Ref. No.	11225022
Subject	Analytical Results Compliance Report Surface Water Quality Monitoring Flow Way CDD Fort Myers, Florida June 2022		

1. Compliance Review

Samples were collected in June 2022 in support of the Flow Way CDD 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
June 2022**

Sample Location/Sample ID:		FW-Flow Way	FW-Flow Way		FW-Lake 12	FW-Lake 12		FW-Lake 18/19	FW-Lake 18/19	
Sample Date:		3/9/2022	06/08/2022		3/9/2022	06/08/2022		3/9/2022	06/08/2022	
Field Parameters	Units									
Total Water Depth	Feet	NM	NM		NM	NM		NM	NM	
Sample Depth	Feet	1.5	1.5		1.5	1.5		1.5	1.5	
Conductivity, field	umhos/cm	486	426		477.2	485		416.1	407	
Dissolved oxygen (DO), field	mg/L	5.13	4.84		6.22	4.58		5.51	4.49	
Dissolved oxygen (DO), field	%	62.3	63.1		76.1	60.9		66.8	57.9	
pH, field	s.u.	8.54	7.81		8.41	8.16		8.79	8.42	
Temperature, field	Deg C	25.3	29.1		25.7	29.8		25.7	29.9	
Turbidity, field	NTU	3.38	8.00		4.07	3.15		3.02	2.29	
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	0.008 U	
TAN criteria calculation	mg/L	NM	NM		NM	NM		NM	NM	
Total kjeldahl nitrogen (TKN)	mg/L	2.08	1.18		1.35	1.10		2.13	1.34	
Total nitrogen	mg/L	2.08	1.20		1.35	1.11		2.13	1.35	
Nitrite/Nitrate	mg/L	0.006 U	0.024		0.006 U	0.011 I		0.006 U	0.013 I	
Ortho phosphorus (Field Filtered)	mg/L	0.004 I	0.004 I		0.022	0.017		0.014	0.014	
Total phosphorus	mg/L	0.024 I	0.064		0.026 I	0.062		0.027 I	0.059	
Chlorophyll	mg/m3	4.73	14.0		7.87	9.88		5.80	4.86	
Total suspended solids (TSS)	mg/L	6.33	7.67		3.33	0.667 I		3.67	1.67 I	
Biochemical oxygen demand (total BOD5)	mg/L	1 U	1 U		1.39 I	1 U		1.22 I	1 U	

Table 1

**Analytical Results Summary
Surface Water Quality Monitoring
Treviso Bay, Naples, Florida
June 2022**

Sample Location/Sample ID:		FW-Lake 7	FW-Lake 7		FW-Lake 9	FW-Lake 9	
Sample Date:		3/9/2022	06/08/2022		3/9/2022	06/08/2022	
Field Parameters	Units						
Total Water Depth	Feet	NM	NM		NM	NM	
Sample Depth	Feet	1.5	1.5		1.5	1.5	
Conductivity, field	umhos/cm	386	438		459	501	
Dissolved oxygen (DO), field	mg/L	6.81	4.13		5.13	2.17	
Dissolved oxygen (DO), field	%	82.5	54.4		61.7	28.4	
pH, field	s.u.	8.82	8.29		8.51	8.15	
Temperature, field	Deg C	25.2	29.7		24.9	29.2	
Turbidity, field	NTU	1.98	1.66		3.57	1.83	
Secchi Disk	Depth						
Wet Parameters	Units						
Ammonia-N	mg/L	0.008 U	0.008 U		0.008 U	0.008 U	
TAN criteria calculation	mg/L	NM	NM		NM	NM	
Total kjeldahl nitrogen (TKN)	mg/L	1.31	0.899		1.36	1.15	
Total nitrogen	mg/L	1.31	0.913		1.36	1.33	
Nitrite/Nitrate	mg/L	0.006 U	0.014 I		0.006 U	0.181	
Ortho phosphorus (Field Filtered)	mg/L	0.006 I	0.013		0.021	0.002 U	
Total phosphorus	mg/L	0.025 I	0.059		0.024 I	0.036	
Chlorophyll	mg/m3	3.27	4.88		5.45	5.75	
Total suspended solids (TSS)	mg/L	0.667 I	0.570 U		1.67 I	2.00 I	
Biochemical oxygen demand (total BOD5)	mg/L	1.06 I	1 U		1.08 I	1 U	

Notes:

U - Not detected at the associated reporting limit

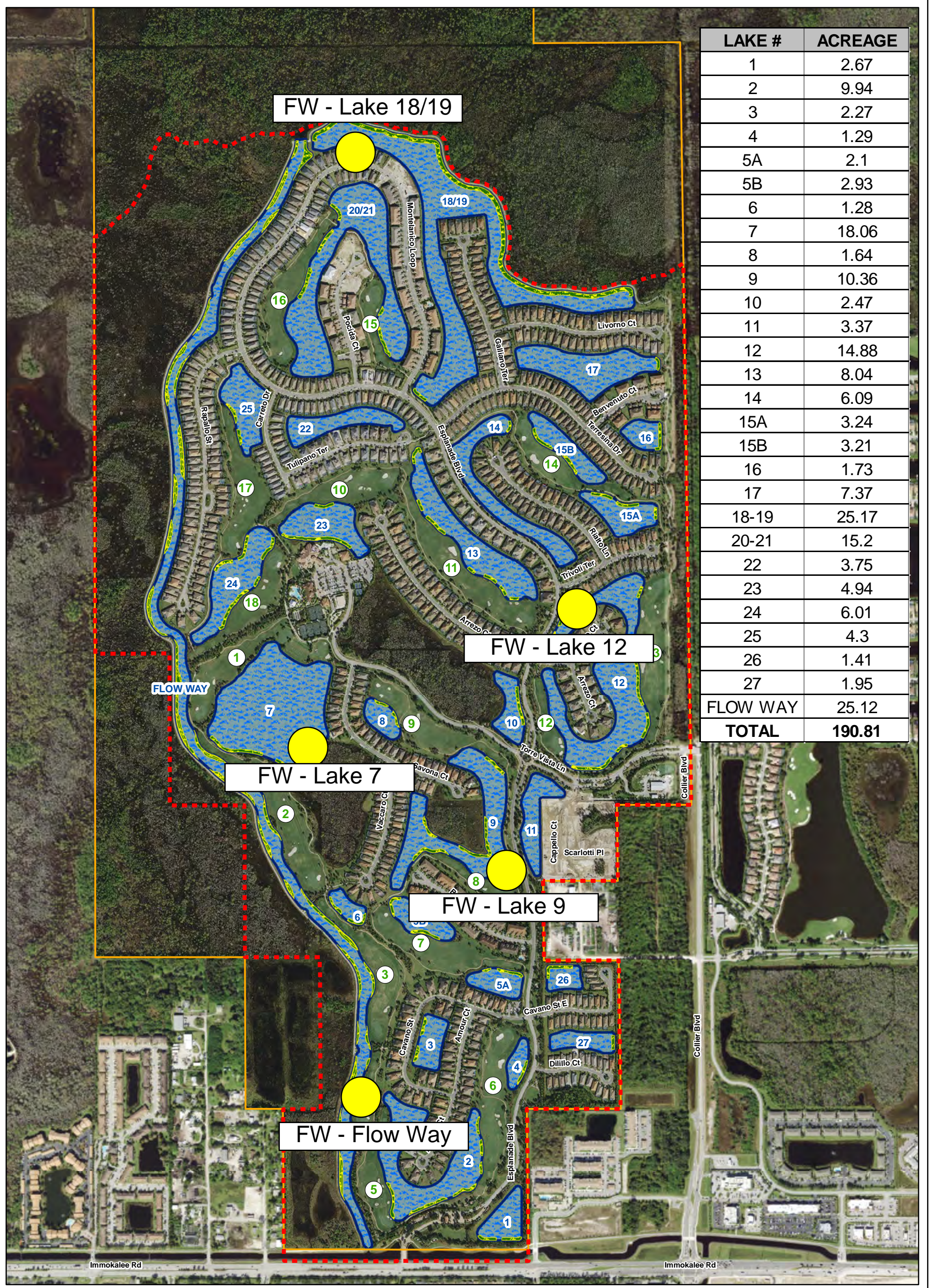
I - Reported value is between method detection limit and the practical quantitation limit

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.

NM - Not Measured

Figure



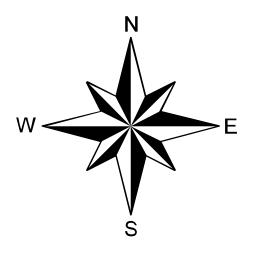
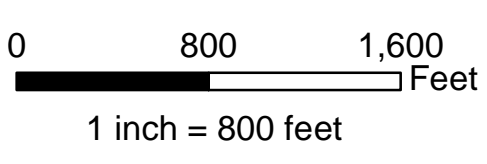
LAKE #	ACREAGE
1	2.67
2	9.94
3	2.27
4	1.29
5A	2.1
5B	2.93
6	1.28
7	18.06
8	1.64
9	10.36
10	2.47
11	3.37
12	14.88
13	8.04
14	6.09
15A	3.24
15B	3.21
16	1.73
17	7.37
18-19	25.17
20-21	15.2
22	3.75
23	4.94
24	6.01
25	4.3
26	1.41
27	1.95
FLOW WAY	25.12
TOTAL	190.81

Flow Way CDD Lakes

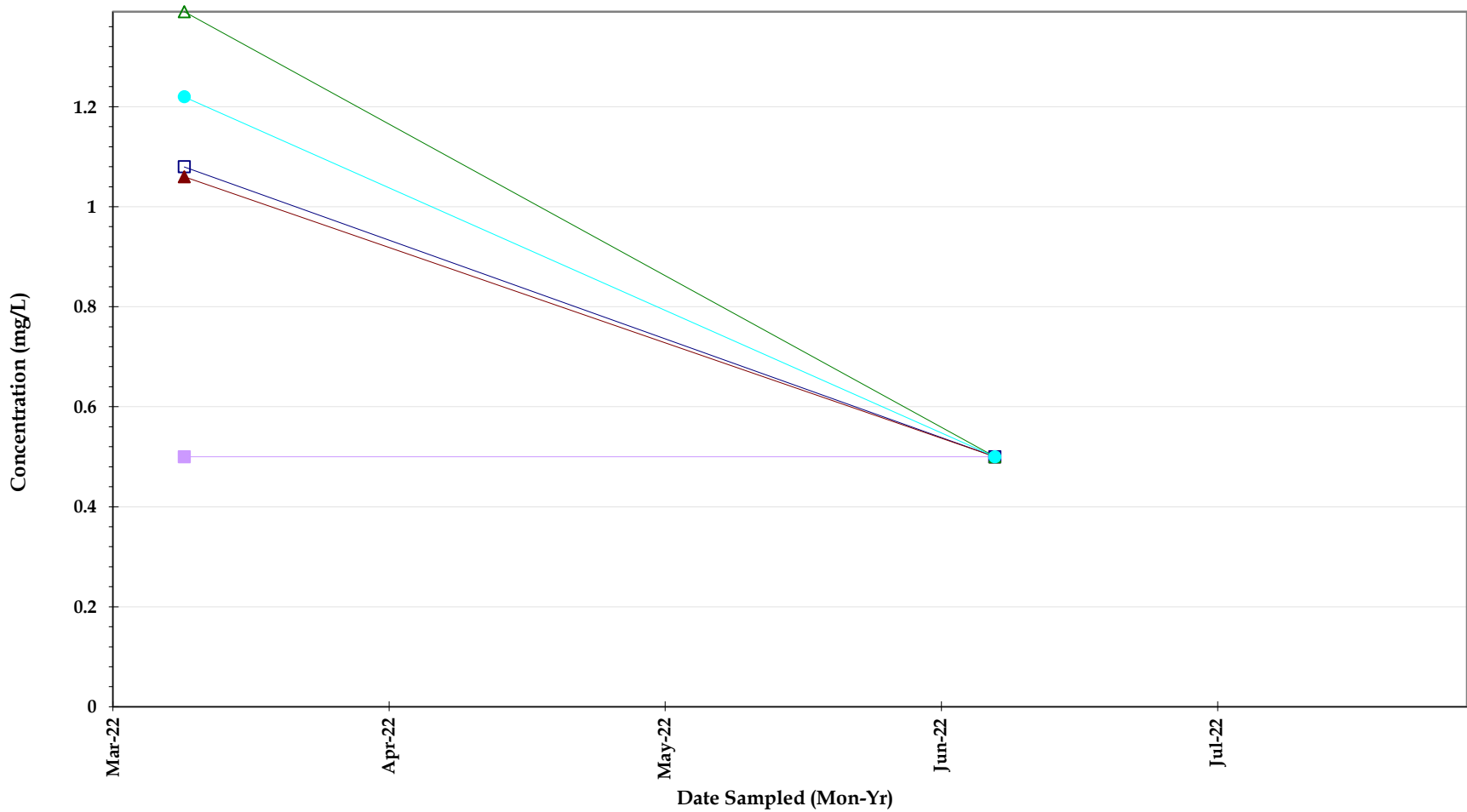
Date: 3/23/2022



- Legend**
- - - CDD Boundary
 - Property Boundary
 - Lakes
 - Permitted Littoral Shelf
 - 3 Hole Numbers
 - 19 Lake Numbers

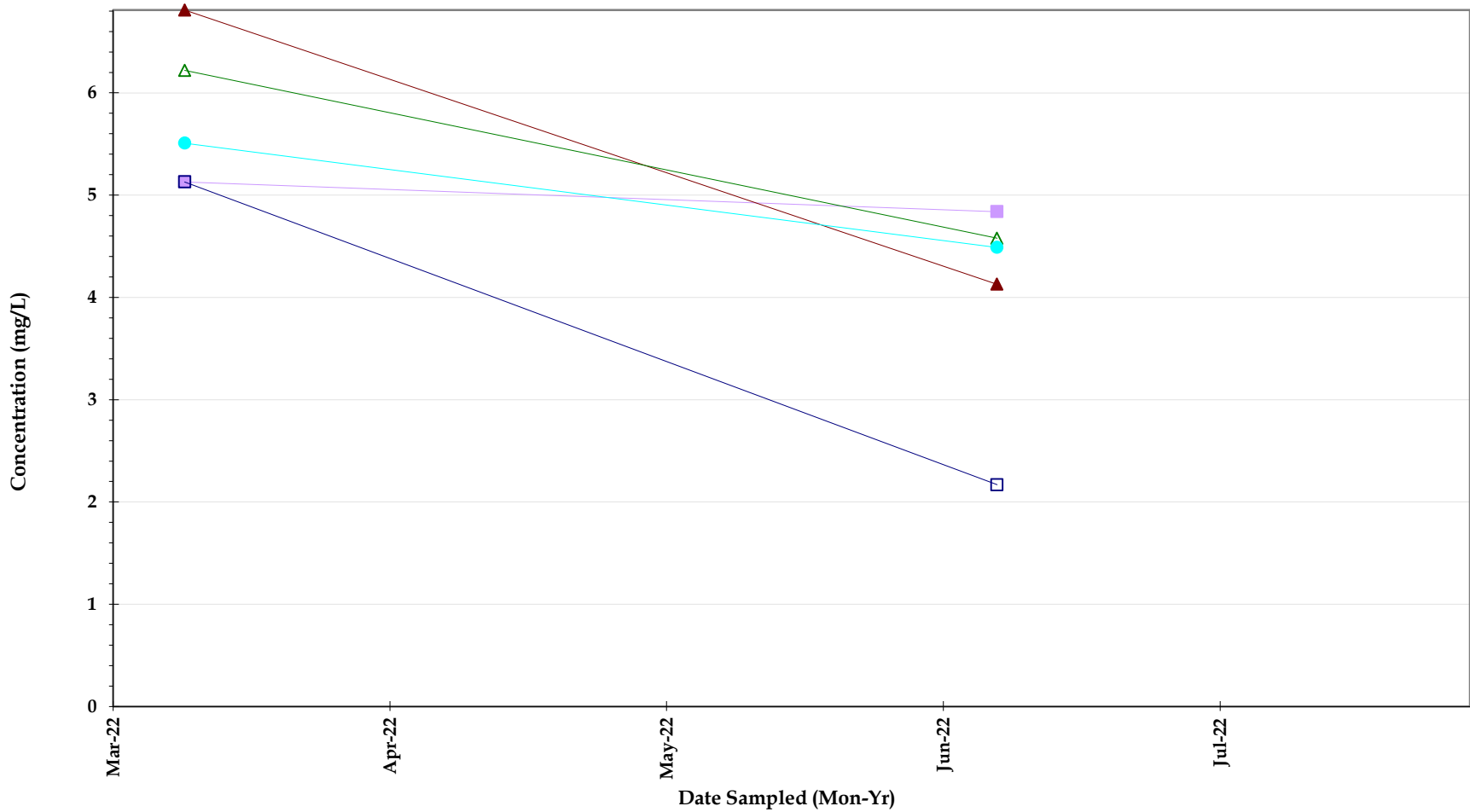


Trend Graphs



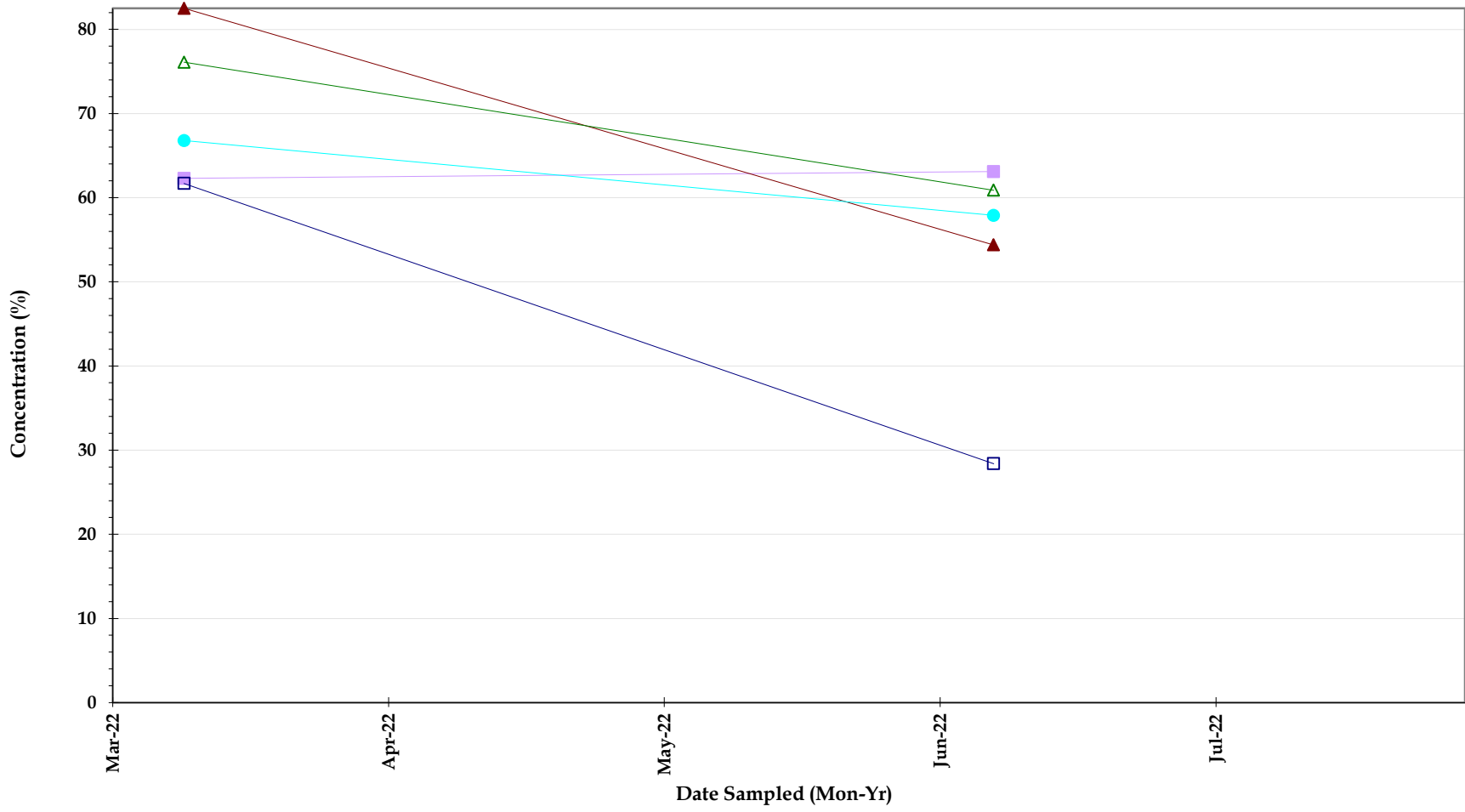
Biochemical Oxygen Demand

Flow Way
Water Quality Surface Water Sample results
JUNE 2022



Dissolved Oxygen (mg/L)

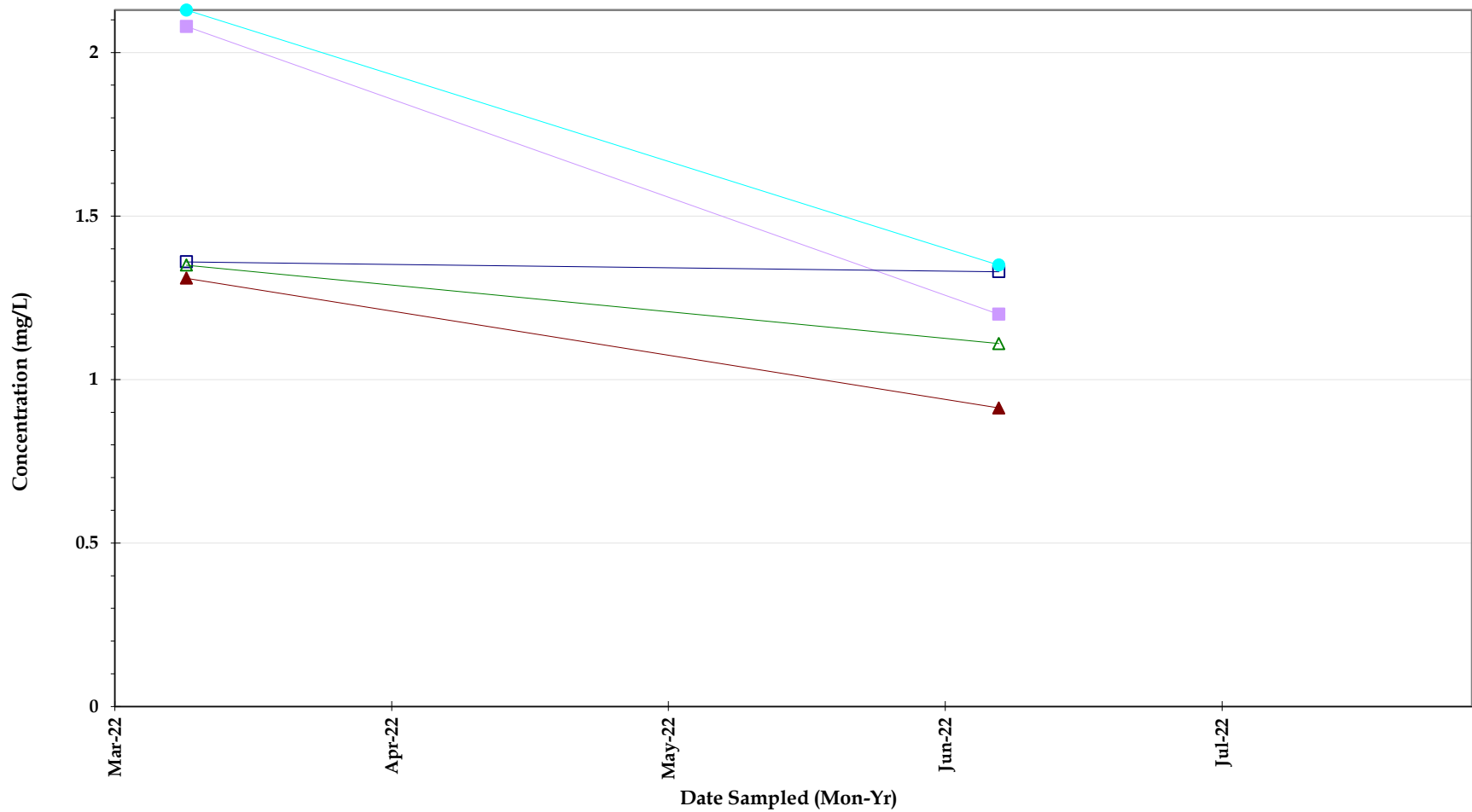
*Flow Way
Water Quality Surface Water Sample results
JUNE 2022*



Dissolved Oxygen (%)

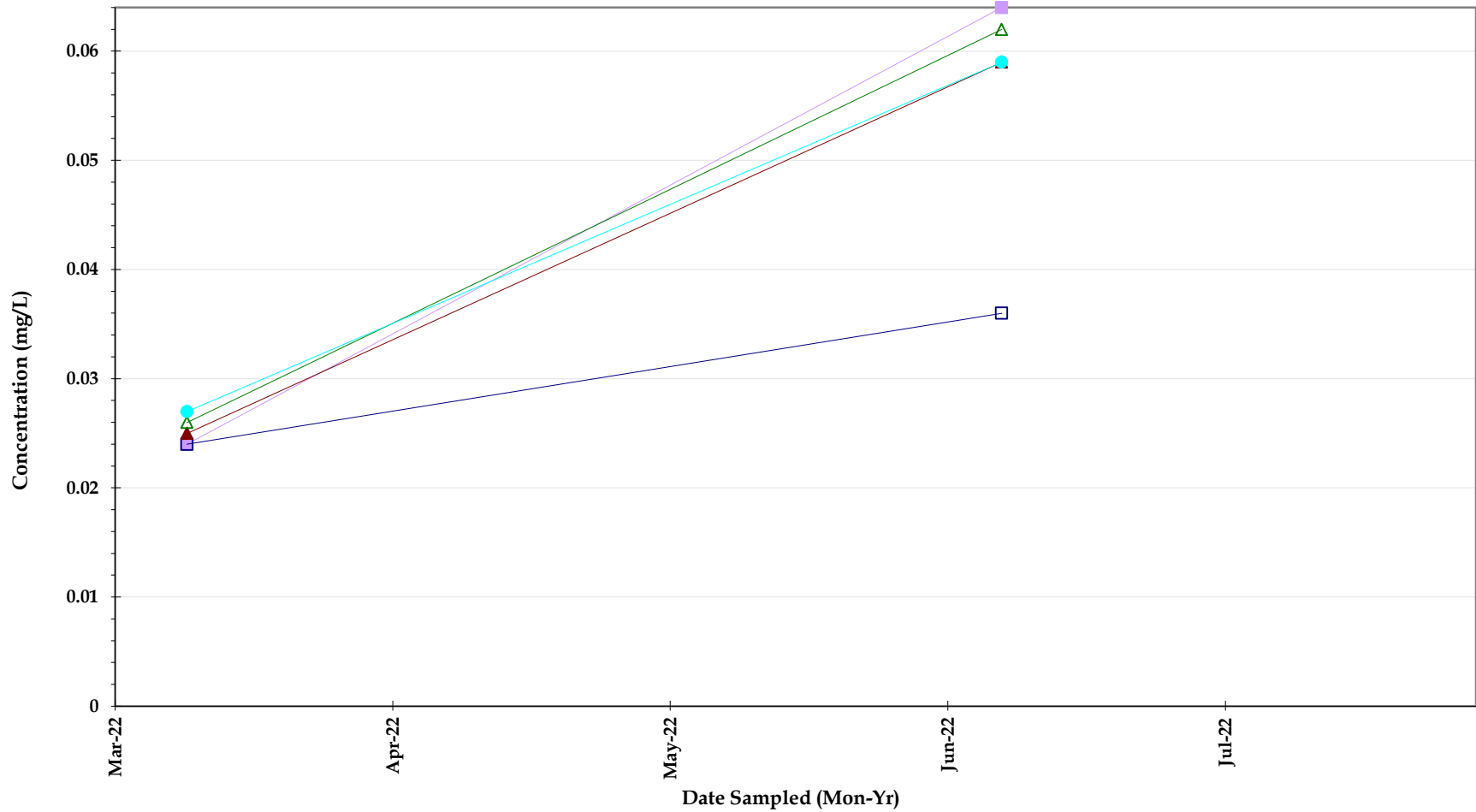


Flow Way
 Water Quality Surface Water Sample results
 JUNE 2022



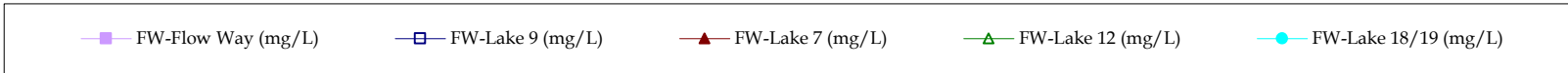
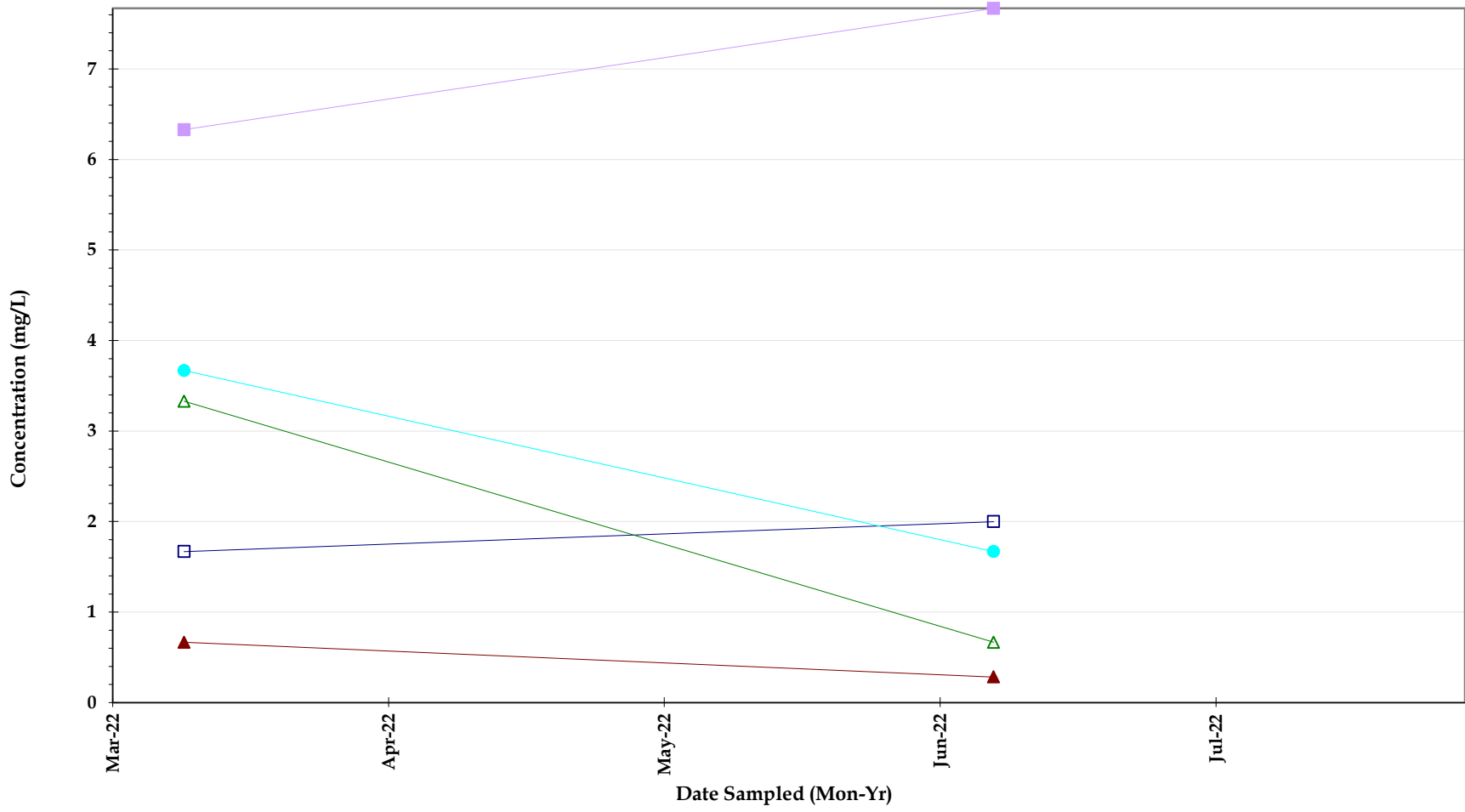
Total Nitrogen

Flow Way
Water Quality Surface Water Sample results
JUNE 2022



Total Phosphorus

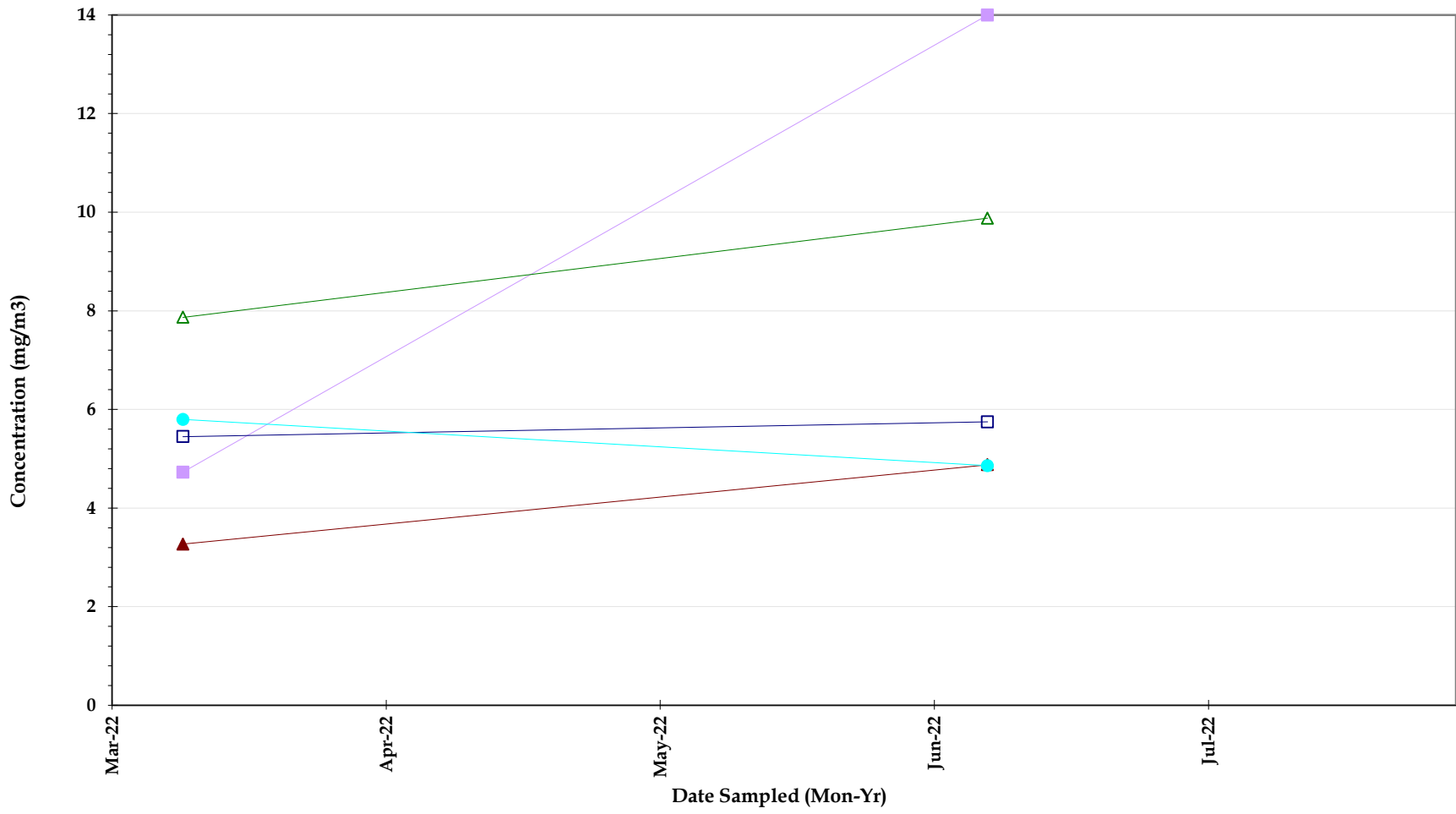
Flow Way
Water Quality Surface Water Sample results
JUNE 2022



Total Suspended Solids

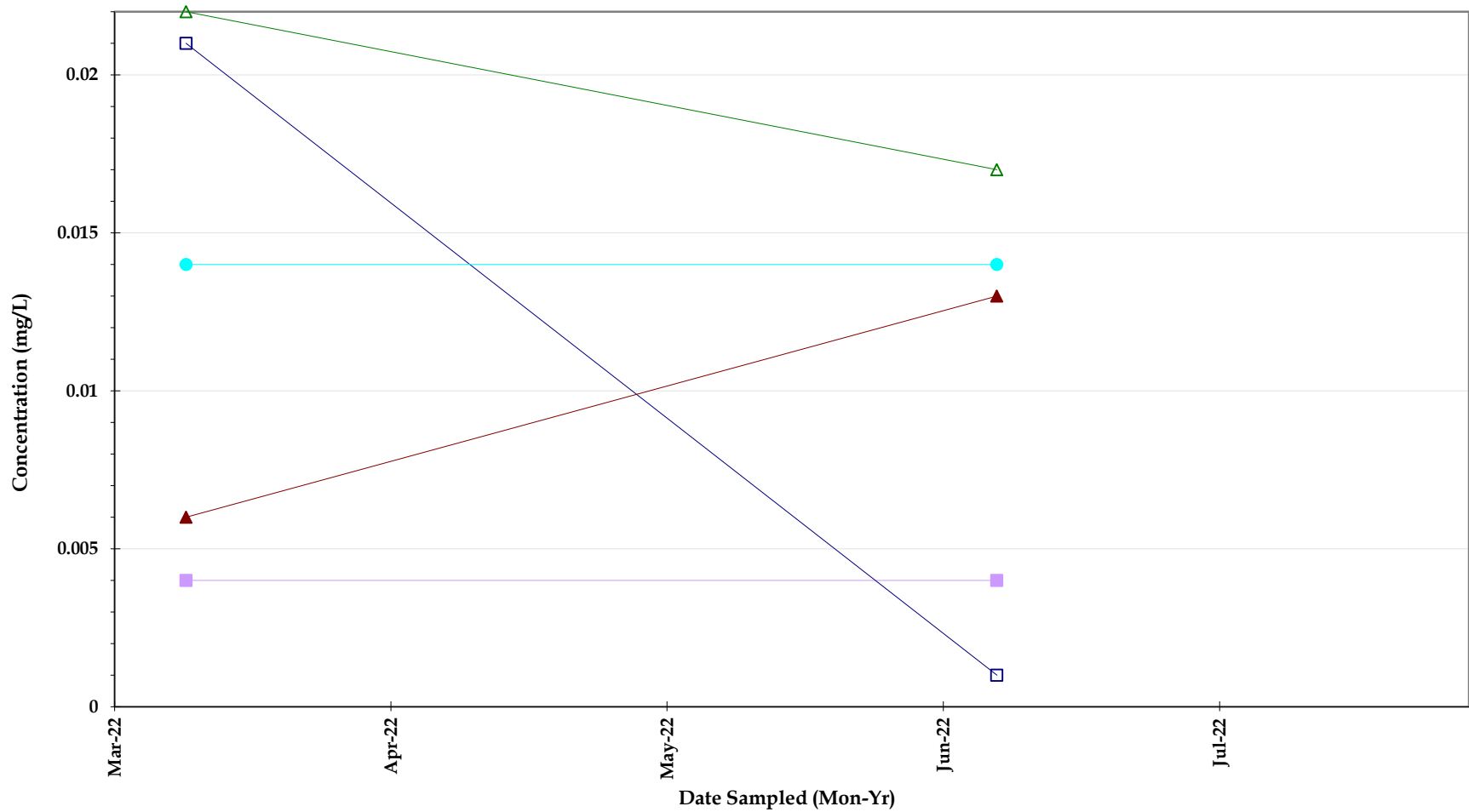


Flow Way
Water Quality Surface Water Sample results
JUNE 2022



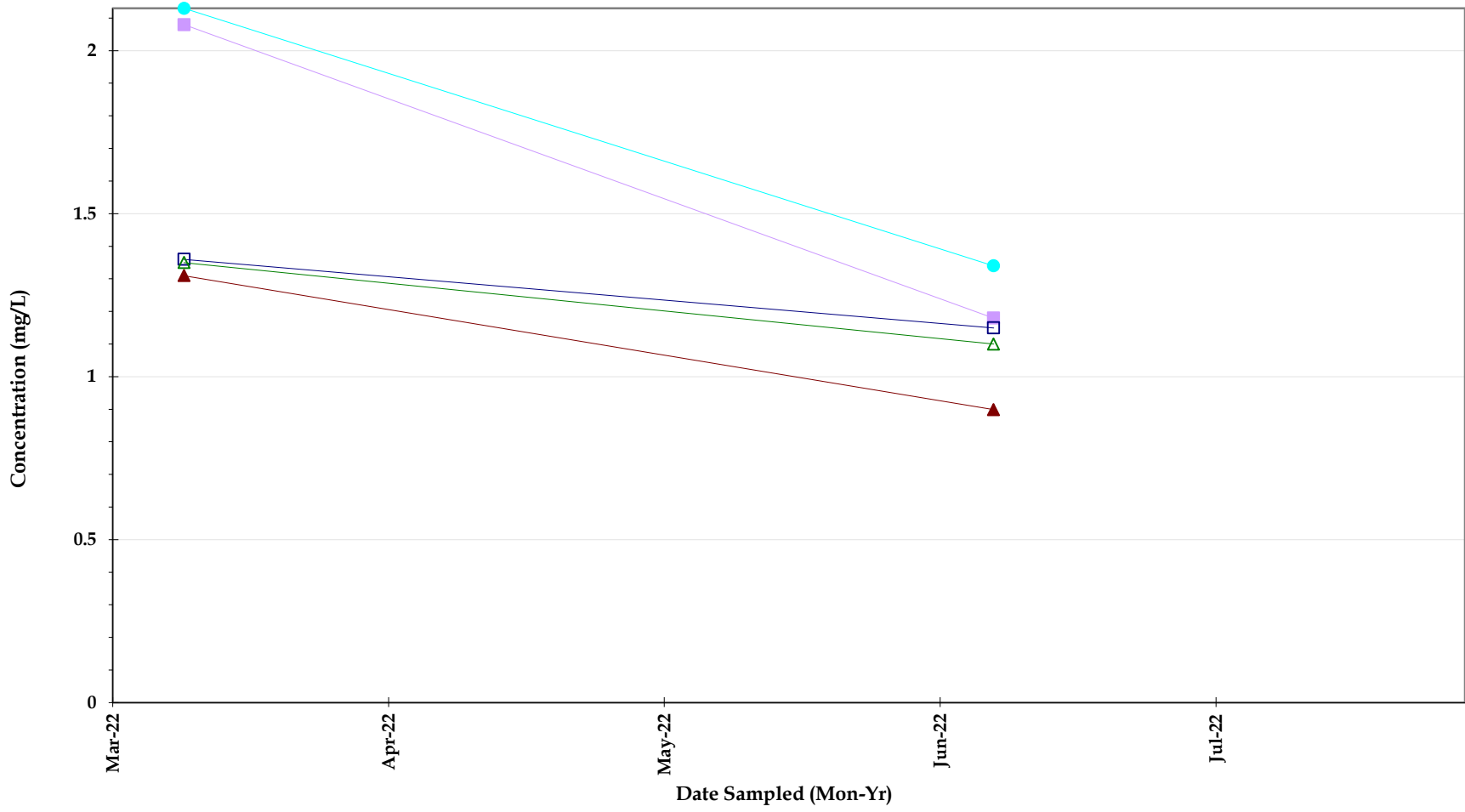
Chlorophyll a

Flow Way
Water Quality Surface Water Sample results
JUNE 2022



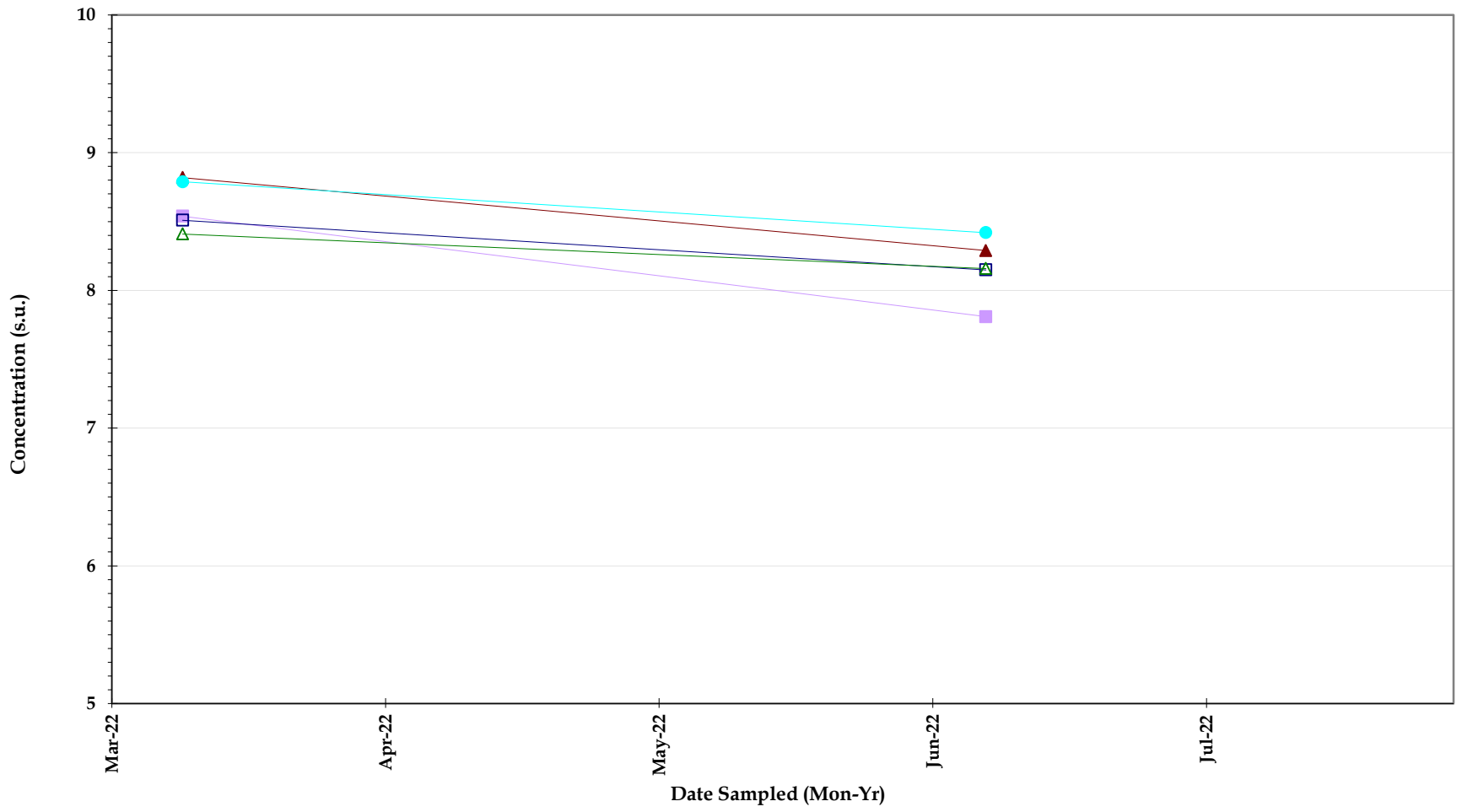
Orthophosphate

Flow Way
Water Quality Surface Water Sample results
JUNE 2022



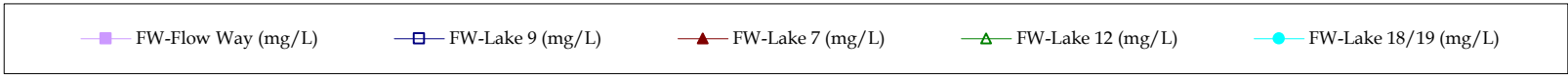
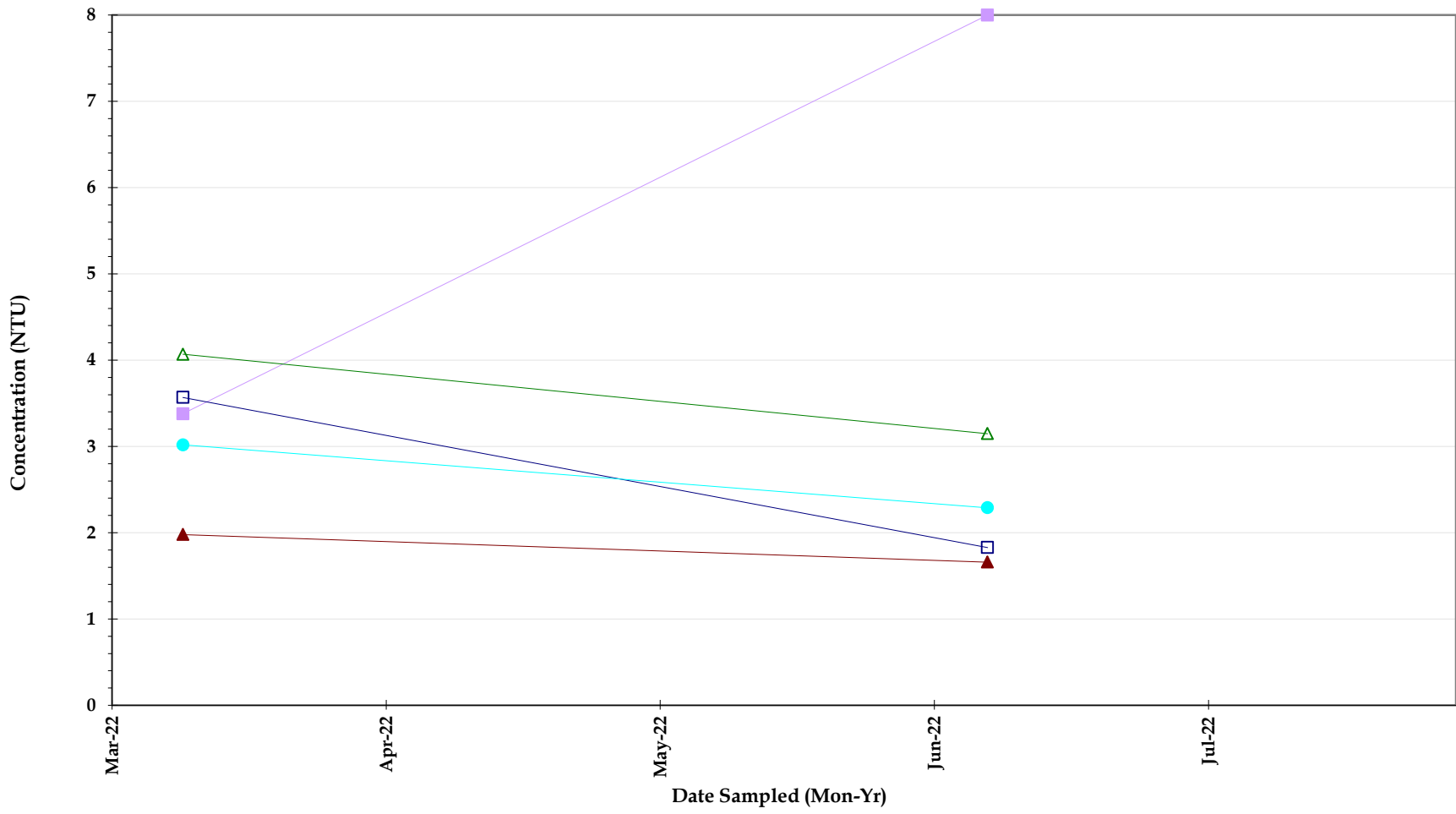
Total kjeldahl nitrogen (TKN)

Flow Way
Water Quality Surface Water Sample results
JUNE 2022



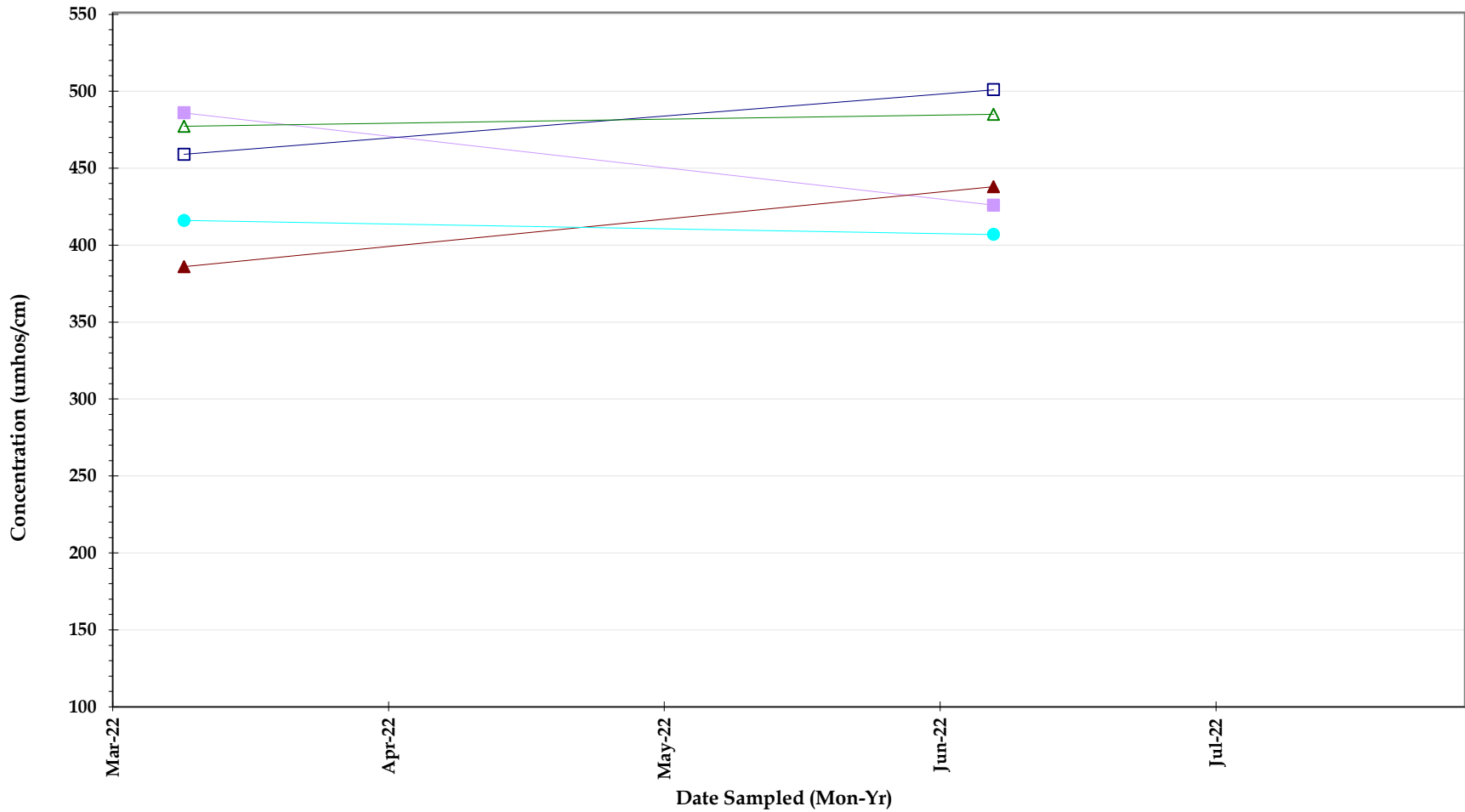
pH, Field

Flow Way
 Water Quality Surface Water Sample results
 JUNE 2022



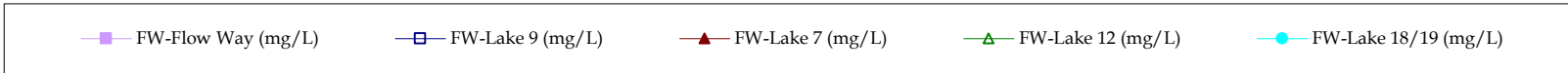
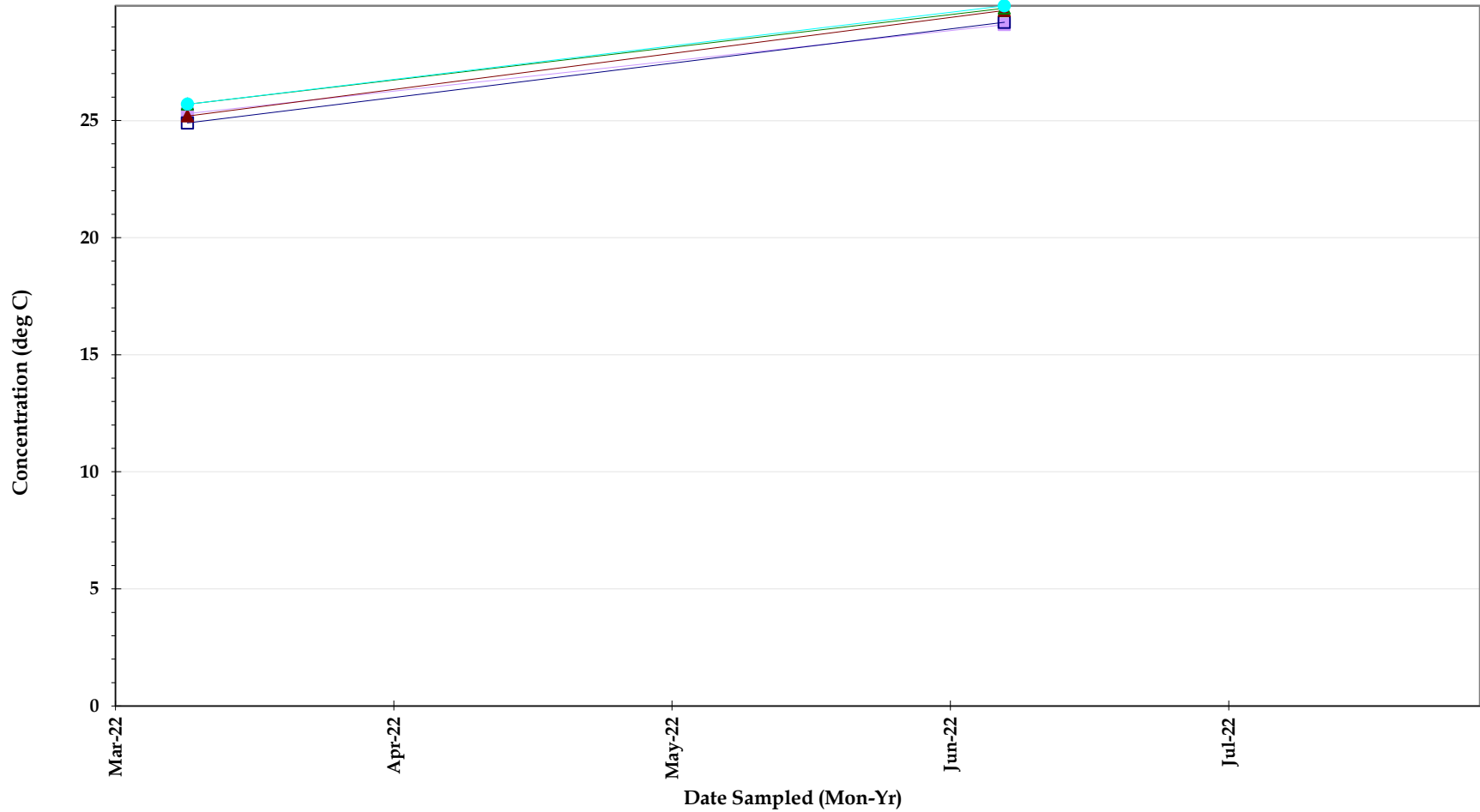
Turbidity

Flow Way
Water Quality Surface Water Sample results
JUNE 2022



Conductivity

Flow Way
Water Quality Surface Water Sample results
JUNE 2022



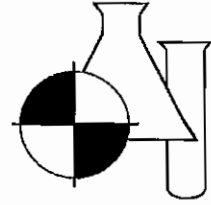
Temperature, sample

Flow Way
 Water Quality Surface Water Sample results
 JUNE 2022

Laboratory Analytical Report

BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #B84167

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 22060540

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

Project Name : FLOW WAY CDD WQM

Date Received : 06/09/2022

Time Received : 1445

Submission Number: 22060540 Sample Date: 06/08/2022
Sample Number: 001 Sample Time: 0910
Sample Description: FW - Lake 9 Sample Method: Grab

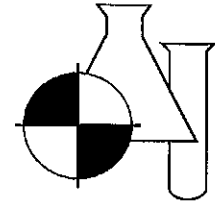
Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	06/20/2022 13:49	CW
TOTAL KJELDAHL NITROGEN	1.15	MG/L	0.05	0.20	351.2	06/14/2022 10:38	PP
ORTHO PHOSPHORUS AS P	0.002 U	MG/L	0.002	0.008	365.3	06/09/2022 17:00	KA
TOTAL PHOSPHORUS AS P	0.036	MG/L	0.008	0.032	365.3	06/17/2022 14:23	KA
CHLOROPHYLL A	5.75	MG/M3	0.25	1.00	445.0	06/15/2022 11:13	BLB
TOTAL SUSPENDED SOLIDS	2.00 I	MG/L	0.570	2.280	SM2540D	06/10/2022 13:12	TG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	06/09/2022 16:00	LD/LD
NITRATE+NITRITE AS N	0.181	MG/L	0.006	0.024	SYSTEA EASY	06/11/2022 14:45	PG
TOTAL NITROGEN	1.33	MG/L	0.05	0.20	SYSTEA+351	06/14/2022 10:38	PP/PG

Submission Number: 22060540 Sample Date: 06/08/2022
Sample Number: 002 Sample Time: 0855
Sample Description: FW - Flow Way Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	06/20/2022 13:51	CW
TOTAL KJELDAHL NITROGEN	1.18	MG/L	0.05	0.20	351.2	06/14/2022 10:39	PP
ORTHO PHOSPHORUS AS P	0.004 I	MG/L	0.002	0.008	365.3	06/09/2022 17:00	KA
TOTAL PHOSPHORUS AS P	0.064	MG/L	0.008	0.032	365.3	06/17/2022 14:24	KA
CHLOROPHYLL A	14.0	MG/M3	0.25	1.00	445.0	06/15/2022 11:13	BLB
TOTAL SUSPENDED SOLIDS	7.67	MG/L	0.570	2.280	SM2540D	06/10/2022 13:12	TG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	06/09/2022 16:00	LD/LD
NITRATE+NITRITE AS N	0.024	MG/L	0.006	0.024	SYSTEA EASY	06/11/2022 14:46	PG
TOTAL NITROGEN	1.20	MG/L	0.05	0.20	SYSTEA+351	06/14/2022 10:39	PP/PG

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EnviroAnalytical Inc.



NELAC Certification #E84167

Submission Number: 22060540
Sample Number: 003
Sample Description: FW - Lake 7

Sample Date: 06/08/2022
Sample Time: 0925
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	06/20/2022 13:53	CW
TOTAL KJELDAHL NITROGEN	0.899	MG/L	0.05	0.20	351.2	06/14/2022 10:41	PP
ORTHO PHOSPHORUS AS P	0.013	MG/L	0.002	0.008	365.3	06/09/2022 17:00	KA
TOTAL PHOSPHORUS AS P	0.059	MG/L	0.008	0.032	365.3	06/17/2022 14:25	KA
CHLOROPHYLL A	4.88	MG/M3	0.25	1.00	445.0	06/15/2022 11:13	BLB
TOTAL SUSPENDED SOLIDS	0.570 U	MG/L	0.570	2.280	SM2540D	06/10/2022 13:12	TG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	06/09/2022 16:00	LD/LD
NITRATE+NITRITE AS N	0.014 I	MG/L	0.006	0.024	SYSTEAS EASY	06/11/2022 14:48	PG
TOTAL NITROGEN	0.913	MG/L	0.05	0.20	SYSTEAS+351	06/14/2022 10:41	PP/PG

Submission Number: 22060540
Sample Number: 004
Sample Description: FW - Lake 12

Sample Date: 06/08/2022
Sample Time: 0940
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	06/20/2022 13:55	CW
TOTAL KJELDAHL NITROGEN	1.10	MG/L	0.05	0.20	351.2	06/14/2022 10:42	PP
ORTHO PHOSPHORUS AS P	0.017	MG/L	0.002	0.008	365.3	06/09/2022 17:00	KA
TOTAL PHOSPHORUS AS P	0.062	MG/L	0.008	0.032	365.3	06/17/2022 14:26	KA
CHLOROPHYLL A	9.88	MG/M3	0.25	1.00	445.0	06/15/2022 11:13	BLB
TOTAL SUSPENDED SOLIDS	0.667 I	MG/L	0.570	2.280	SM2540D	06/10/2022 13:12	TG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	06/09/2022 16:00	LD/LD
NITRATE+NITRITE AS N	0.011 I	MG/L	0.006	0.024	SYSTEAS EASY	06/11/2022 14:47	PG
TOTAL NITROGEN	1.11	MG/L	0.05	0.20	SYSTEAS+351	06/14/2022 10:42	PP/PG

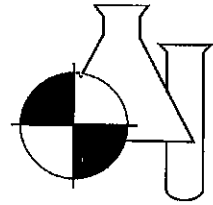
Submission Number: 22060540
Sample Number: 005
Sample Description: FW - Lake 18/19

Sample Date: 06/08/2022
Sample Time: 1000
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.008 U	MG/L	0.008	0.032	350.1	06/20/2022 13:57	CW
TOTAL KJELDAHL NITROGEN	1.34	MG/L	0.05	0.20	351.2	06/14/2022 10:44	PP
ORTHO PHOSPHORUS AS P	0.014	MG/L	0.002	0.008	365.3	06/09/2022 17:00	KA
TOTAL PHOSPHORUS AS P	0.059	MG/L	0.008	0.032	365.3	06/17/2022 14:27	KA
CHLOROPHYLL A	4.86	MG/M3	0.25	1.00	445.0	06/15/2022 11:13	BLB

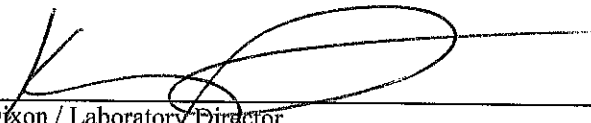
BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

TOTAL SUSPENDED SOLIDS	1.67 I	MG/L	0.570	2.280	SM2540D	08/10/2022	13:12	TG
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	08/09/2022	16:00	LD/LD
NITRATE+NITRITE AS N	0.013 I	MG/L	0.008	0.024	SYSTEAS EASY	08/11/2022	14:48	PG
TOTAL NITROGEN	1.35	MG/L	0.05	0.20	SYSTEAS+361	08/14/2022	10:44	PP/PG


 Dale D. Dixon / Laboratory Director
 Tülay Tanrisever - Technical Director/QC Officer
 Kara Peterson - QA Officer

06/22/2022

Date

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.
 I = 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 06/09/22 at 0840.

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

Results relate only to the samples.

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

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

Client: GHD Services, Inc. (HSA ENG)
 2675 Winkler Ave. Suite 180
 Ft. Myers FL 33901
 Erik Isern (239) 215-3914 Shannon Tucker 239-210-8653
 Email EDD & PDF Reports to: Connor.Haydon@ghd.com
 2022 PO# 340-404533

Kit Shipped to client via UPS Standard in 1 large cooler

Chain of Custody Form: Flow Way CDD WQM
 Project Number: 11225022-03

Profile: 840, QC Report

Laboratory Submission #: **22060540**

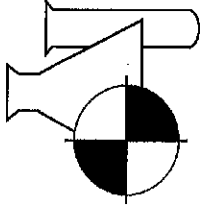
Station ID	Sample Type ¹	Sample Matrix ²	Parameters, Preservative ⁴ , Container Type ⁵ / Total # of Containers = 25				Laboratory Submission #
			Unique bottle ID 1A	Unique bottle ID 1B	Unique bottle ID 1C	Unique bottle ID 1E	
FW - Lake 9	Grab	SW	NO ₃ -NO ₂ (853.2) TKN (851.2) NH ₃ (950.1) TP (855.3) T-N (Calc.)	BOD ₅ (SM5210B)	Ortho-Phos (Lab Filtered) (865.5)	TSS (SM2540D)	Chlorophyll a (445.0) Filtered @ BEAS 6/9/22 0840
			1. 1mL 1:4 H ₂ SO ₄ pH<2 □ Lot # 22-07	Plain	Plain	Plain	Plain
			1 x 1/2 Pint Plastic	1 x 1 Quart Plastic	1 x 1/2 Pint Plastic	1 x 1 Quart Plastic	1 x 500mL Opaque Plastic
FW - Lake 9	Grab	SW	Date/Time: 6/8/22 910				1
FW - Flow way	Grab	SW	Date/Time: 855				2
FW - Lake 7	Grab	SW	Date/Time: 925				3
FW - Lake 12	Grab	SW	Date/Time: 940				4
FW - Lake 18/19	Grab	SW	Date/Time: 1000				5

Notes:
 1. "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
 2. "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SD/MNT), or sludge (SLDG).
 3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
 4. "Preservative" is used to indicate whether the sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (43°F).
 5. Under "Preservative", list any preservatives that were added to the sample container. Lot Number of preservative used is specific to the bottles included in the kit. NaThin, H₂SO₄, and HNO₃ do not have expiration dates per the manufacturer. Micro bottles are pre-preserved at manufacturing stage. 40mL vials are pre-preserved at manufacturing stage.
 6. 2 Quart plastic bottles are not certified.

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

Laboratory Sample Acceptability:
 pH < 8 BEA Temperature: 1.4°C
 BEAS Temperature: 2.7°C

Collector & Affiliation (Print & Sign)	Date	Time	Received By & Affiliation (Print & Sign)	Date	Time
Connor Haydon C.Haydon GHD	6/8/22	1242	Brook Watermick BEAS	6/8/22	1242
Relinquished By & Affiliation (Print & Sign)	Date	Time	Relinquished By & Affiliation (Print & Sign)	Date	Time
Brook Watermick BEAS	6/9/22	1130	Brook Watermick BEAS	6/9/22	1130
Relinquished By & Affiliation (Print & Sign)	Date	Time	Relinquished By & Affiliation (Print & Sign)	Date	Time
Brook Watermick BEAS	6/9/22	1445	Nathan Hodge 11	6-9-22	1445
Relinquished By & Affiliation (Print & Sign)	Date	Time	Relinquished By & Affiliation (Print & Sign)	Date	Time
Relinquished By & Affiliation (Print & Sign)	Date	Time	Relinquished By & Affiliation (Print & Sign)	Date	Time



BENCHMARK

EnviroAnalytical Inc.

NELAC Certification #E84167

Submission Number: 22060540

Project Name: FLOW WAY CDD WQM

QC REPORT

SUBMISSION NUMBER	SAMPLE NUMBER	METHOD	ANALYTE	ANALYSIS DATE/TIME	QC FLAG	QC VALUE	SAMPLE RESULT	LR RESULT	LR %RSD	SPK RESULT	STD-SPK %REC
22060764 - 01B	623643	350.1	AMMONIA NITROGEN	06/20/2022 12:52	LR		0.134	0.124	5.33		
22060879 - 002	623878	350.1	AMMONIA NITROGEN	06/20/2022 13:45	LR		0.297	0.281	3.97		
		350.1	AMMONIA NITROGEN	06/20/2022 12:40	MB	0.00	0.000				
		350.1	AMMONIA NITROGEN	06/20/2022 12:42	MB	0.00	0.000				
		350.1	AMMONIA NITROGEN	06/20/2022 13:12	MB	0.00	0.000				
		350.1	AMMONIA NITROGEN	06/20/2022 13:38	MB	0.00	0.000				
		350.1	AMMONIA NITROGEN	06/20/2022 14:05	MB	0.00	0.000				
		350.1	AMMONIA NITROGEN	06/20/2022 14:27	MB	0.00	0.000				
22060952 - 005	623990	350.1	AMMONIA NITROGEN	06/20/2022 13:16	SPK	1.00	1.090			1.210	112.0
22060992 - 002	624092	350.1	AMMONIA NITROGEN	06/20/2022 14:10	SPK	1.00	1.050			1.180	113.0
22061020 - 001	624117	350.1	AMMONIA NITROGEN	06/20/2022 12:48	SPK	1.00	1.070			1.210	115.0
		350.1	AMMONIA NITROGEN	06/20/2022 16:13	STD	1.00	0.967				96.7
		350.1	AMMONIA NITROGEN	06/20/2022 16:16	STD	1.00	0.989				98.9
		350.1	AMMONIA NITROGEN	06/20/2022 15:10	STD	1.00	0.899				89.9
22060541 - 001	623307	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 11:24	LR		1.070	1.130	4.24		
22060564 - 001	623320	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:17	LR		72.100	68.000	4.17		
22060636 - 001	623460	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:51	LR		5.710	5.740	0.40		
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:06	MB	0.00	0.000				
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 12:07	MB	0.00	0.000				
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:28	MB	0.00	0.000				
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:45	MB	0.00	0.000				
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 11:02	MB	0.00	0.000				
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 11:19	MB	0.00	0.000				
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 11:34	MB	0.00	0.000				
22060516 - 002	623279	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 12:17	SPK	2.00	3.370			3.280	95.2

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

SUBMISSION NUMBER	SAMPLE NUMBER	METHOD	ANALYTE	ANALYSIS DATE/TIME	QC FLAG	QC VALUE	SAMPLE RESULT	LR RESULT	LR %RSD	SPK RESULT	STD-SPK %REC
22060536 - 001	623286	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 12:11	SPK	2.00	6.140			6.110	98.8
22060613 - 01B	623430	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 12:20	SPK	2.00	2.690			2.570	93.6
22060634 - 001	623457	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 11:05	SPK	2.00	3.070			3.100	101.0
22060634 - 002	623458	351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 14:18	SPK	2.00	3.630			3.770	107.0
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:09	STD	2.50	2.370				94.9
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 12:08	STD	2.00	2.070				104.0
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 12:52	STD	2.50	2.580				103.0
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:30	STD	2.00	1.910				95.5
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 10:46	STD	2.00	2.020				101.0
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 11:03	STD	2.00	2.090				105.0
		351.2	TOTAL KJELDAHL NITROGEN	06/14/2022 11:20	STD	2.00	2.180				109.0
22060510 - 01B		365.3	ORTHO PHOSPHORUS AS P	06/09/2022 11:42	MB	0.00	0.000				95.1
		365.3	ORTHO PHOSPHORUS AS P	06/09/2022 11:44	STD	0.20	0.190				
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 14:05	LR		0.443	0.442	0.18		
22060766 - 001	623649	365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:51	LR		2.550	2.490	1.55		
22060860 - 001	623844	365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:26	LR		3.480	3.450	0.60		
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:22	MB	0.00	0.000				
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:23	MB	0.00	0.000				
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:37	MB	0.00	0.000				
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:49	MB	0.00	0.000				
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 14:09	MB	0.00	0.000				
22060510 - 001	623272	365.3	TOTAL PHOSPHORUS AS P	06/17/2022 14:04	SPK	0.20	0.411			0.443	116.0
22060816 - 002	623763	365.3	TOTAL PHOSPHORUS AS P	06/17/2022 14:39	SPK	0.20	0.403			0.430	114.0
22060866 - 002	623889	365.3	TOTAL PHOSPHORUS AS P	06/17/2022 14:21	SPK	0.20	0.442			0.461	110.0
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:24	STD	0.20	0.188				93.8
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:38	STD	0.20	0.195				97.7
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 13:50	STD	0.20	0.199				99.3
		365.3	TOTAL PHOSPHORUS AS P	06/17/2022 14:09	STD	0.20	0.200				99.8
22060426 - 001	623096	SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	LR		284.000	280.000	1.00		
22060427 - 001	623099	SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	LR		118.000	126.000	4.64		
22060429 - 001	623103	SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	LR		430.000	398.000	5.47		
22060467 - 001	623166	SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	LR		2300.000	2200.000	3.14		
22060470 - 001	623171	SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	LR		20.000	20.000	0.00		
		SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	MB	0.00	0.000				

SUBMISSION NUMBER	SAMPLE NUMBER	METHOD	ANALYTE	ANALYSIS DATE/TIME	QC FLAG	QC VALUE	SAMPLE RESULT	LR RESULT	LR %RSD	SPK RESULT	STD-SPK %REC
		SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	MB	0.00	0.000				
		SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	MB	0.00	0.000				
		SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	MB	0.00	0.600				
		SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	STD	951.00	880.000				92.5
		SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	STD	951.00	860.000				90.4
		SM2540D	TOTAL SUSPENDED SOLIDS	06/10/2022 13:12	STD	951.00	880.000				92.5
		SM5210B	BIOCHEMICAL OXYGEN DEMAND	06/09/2022 11:16	MB	0.00	0.160				
		SM5210B	BIOCHEMICAL OXYGEN DEMAND	06/09/2022 11:16	STD	198.00	209.550				105.8
		SM5210B	BIOCHEMICAL OXYGEN DEMAND	06/09/2022 11:16	STD	198.00	170.050				85.9
		SM5210B	BIOCHEMICAL OXYGEN DEMAND	06/09/2022 11:16	STD	198.00	179.050				90.4
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 14:40	MB	0.00	0.000				
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 14:40	MB	0.00	0.000				
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 14:52	MB	0.00	0.000				
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:03	MB	0.00	0.000				
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:06	MB	0.00	0.000				
22060424 - 002	623093	SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:22	SPK	2.00	2.170			2.520	118.0
22060468 - 001	623168	SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:23	SPK	2.00	2.050			2.250	110.0
22060540 - 001	623302	SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 14:43	SPK	2.00	2.180			2.090	95.6
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:42	STD	0.25	0.262				105.0
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:51	STD	0.25	0.230				92.1
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 16:14	STD	0.20	0.225				113.0
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:37	STD	0.25	0.228				91.4
		SYSTEAS EASY	NITRATE+NITRITE AS N	06/11/2022 15:38	STD	0.25	0.256				103.0

Comments:

Surface Water Field Sheets

SURFACE WATER FIELD SHEET
Station Information

STATION ID: FW - Flow Way

LOCATION: 6/8/22 855

DATE/TIME: from bank of

ALL TIMES ARE: ETZ ^{Flow way} or ^E 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: n.m. (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)	
<u>855</u>	<u>1.5</u>	<u>7.81</u>	<u>4.84</u>	<u>63.1</u>	<u>29.1</u>	<u>426</u>	<u>800</u>	
Time (24 hr.)	Bottom Depth Collected (feet)	pH (SU)	D.O. (mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)	

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

Samples immediately placed on ice? Yes No

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

PERSONNEL ON SITE: Connor Hayden

REMARKS: sample collected from E bank.

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	<u>FW - Lake 9</u>
LOCATION:	<u>from east bank</u>
DATE/TIME:	<u>6/8/22</u> <u>9:10</u>
ALL TIMES ARE:	<input checked="" type="radio"/> ETZ or <input type="radio"/> CTZ (circle one)

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

Water Characteristics

TOTAL WATER DEPTH: (Average of 2 measurements)	<u>N/A</u> (feet)	Sample Depth:	<u>1.5</u> (feet)
STREAM FLOW: (Circle One if applicable)	<input type="radio"/> No Flow	<input checked="" type="radio"/> Flow within Banks	<input type="radio"/> Flood Conditions
WATER LEVEL: (Circle One)	<input type="radio"/> Low	<input checked="" type="radio"/> Normal	<input type="radio"/> High
WATER SAMPLE COLLECTION DEVICE (Circle One)	<input type="radio"/> Van Dorn	<input checked="" type="radio"/> Direct Grab with Sample Bottle	<input type="radio"/> Dipper <input type="radio"/> 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)
<u>9:10</u>	<u>1.5</u>	<u>8.15</u>	<u>2.17</u> 13.35	<u>20.4</u>	<u>29.2</u>	<u>501</u>	<u>1.03</u>
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: Lerner Hayden

REMARKS: sample collected from E bank of Lake
plant vegetation growing in sandy soil along banks

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	<u>Fw - Lake 7</u>
LOCATION:	<u>from SE bank</u>
DATE/TIME:	<u>6/8/22 925</u>
ALL TIMES ARE:	<input checked="" type="radio"/> ETZ or <input type="radio"/> CTZ (circle one)

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

Water Characteristics

TOTAL WATER DEPTH: (Average of 2 measurements)	<u>NM</u> (feet)	Sample Depth:	<u>1.5</u> (feet)
STREAM FLOW: (Circle One if applicable)	<input type="radio"/> No Flow	<input checked="" type="radio"/> Flow within Banks	<input type="radio"/> Flood Conditions
WATER LEVEL: (Circle One)	<input type="radio"/> Low	<input checked="" type="radio"/> Normal	<input type="radio"/> High
WATER SAMPLE COLLECTION DEVICE (Circle One)	<input type="radio"/> Van Dorn	<input checked="" type="radio"/> Direct Grab with Sample Bottle	<input type="radio"/> Dipper <input type="radio"/> Other _____

Field Measurements		Meter ID#		Field Measurements			
Time (24 hr.)	Surface Depth Collected (feet)	pH* (SU)	D.O.(mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)
<u>925</u>	<u>1.5</u>	<u>8.29</u>	<u>4.13</u>	<u>544</u>	<u>29.7</u>	<u>438</u>	<u>1.66</u>
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: Lorimar Hayden

REMARKS: sample collected from SE bank. vegetation growth on soils along bank.

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	<u>FW-Lake 12</u>
LOCATION:	<u>from NW bank</u>
DATE/TIME:	<u>6/8/22 940</u>
ALL TIMES ARE:	<input checked="" type="radio"/> ETZ or <input type="radio"/> CTZ (circle one)

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

Water Characteristics

TOTAL WATER DEPTH: (Average of 2 measurements)	<u>NM</u> (feet)	Sample Depth:	<u>1.5</u> (feet)
STREAM FLOW: (Circle One if applicable)	<input type="radio"/> No Flow	<input checked="" type="radio"/> Flow within Banks	<input type="radio"/> Flood Conditions
WATER LEVEL: (Circle One)	<input type="radio"/> Low	<input checked="" type="radio"/> Normal	<input type="radio"/> High
WATER SAMPLE COLLECTION DEVICE (Circle One)	<input type="radio"/> Van Dorn	<input checked="" type="radio"/> Direct Grab with Sample Bottle	<input type="radio"/> Dipper <input type="radio"/> 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)
<u>940</u>	<u>1.5</u>	<u>8.14</u>	<u>4.58</u>	<u>60.7</u>	<u>29.8</u>	<u>485</u>	<u>3.15</u>
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, windy

PERSONNEL ON SITE: Connor Hayden

REMARKS: sample collected from NW bank, minor plant growth around banks of lake.

SURFACE WATER FIELD SHEET
Station Information

STATION ID:	<u>FW - Lake 1814</u> <u>FW</u>
LOCATION:	<u>from W bank</u>
DATE/TIME:	<u>6/8/22</u> <u>1000</u>
ALL TIMES ARE:	<input checked="" type="radio"/> ETZ or <input type="radio"/> CTZ (circle one)

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

Water Characteristics

TOTAL WATER DEPTH: (Average of 2 measurements) (Circle One if applicable)	<u>NM</u> (feet)	Sample Depth:	<u>1.5</u> (feet)
STREAM FLOW:	<input type="radio"/> No Flow	<input checked="" type="radio"/> Flow within Banks	<input type="radio"/> Flood Conditions
WATER LEVEL:	(Circle One) <input type="radio"/> Low	<input checked="" type="radio"/> Normal	<input type="radio"/> High
WATER SAMPLE COLLECTION DEVICE (Circle One)	<input type="radio"/> Van Dorn	<input checked="" type="radio"/> Direct Grab with Sample Bottle	<input type="radio"/> Dipper Other _____

Field Measurements		Meter ID#		Field Measurements Read By: (initials)			
Time (24 hr.): <u>1000</u>	Surface Depth Collected (feet) <u>1.5</u>	pH* (SU) <u>8.42</u>	D.O. (mg./L) <u>4.49</u>	D.O. (%) <u>57.9</u>	Temp (°C) <u>29.9</u>	Conductivity (µmhos/cm) <u>407</u>	Turbidity (NTU) <u>2.29</u>
Time (24 hr.):	Bottom Depth Collected (feet)	pH (SU)	D.O. (mg./L)	D.O. (%)	Temp (°C)	Conductivity (µmhos/cm)	Turbidity (NTU)

*pH of preserved sample: number of drops of sulfuric acid added in field to achieve pH of less than 2:
Samples immediately placed on ice?

NA
 Yes No

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

PERSONNEL ON SITE: Connor Hayden

REMARKS: sample collected from W (SW) bank.