

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: Bruce RQ: 2024-07-15-52 Project: Doctors Lake

- Notes: (1) Always wait for meter to stabilize before recording any readings. Algae Resample
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 7/2/24

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	H. Brown	7/23/24	720	21.3	763.5	8.9	—	100.5	—	1.024	P/F	L/F
ICV	H. Brown	7/23/24	722	21.3	763.6	8.9	8.92	100.5	—	1.024	P/F	L/F
CCV	H. Brown	7/23/24	1530	23.3	762.8	8.6	8.52	100.3	—	1.024	P/F	L/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	H. Brown	7/23/24	724	240618A	06/2025	1000	1,000	P/F	L/F
ICV	H. Brown	7/23/24	727	230612A	06/2024	100	100	P/F	L/F
CCV	H. Brown	7/23/24	1530	231103C	01/2025	50000	50,359	P/F	L/F
CCV			1530		11/2024			P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	H. Brown	7/23/24	728	43080549	9/7/25	7.01	22.1	7.01	-32.8	P/F	L/F
Calibr.	H. Brown	7/23/24	730	44040045	4/8/26	4.00	21.8	4.00	141.5	P/F	L/F
Calibr.	H. Brown	7/23/24	734	44020280	2/27/26	10.03	22	10.03	-203	P/F	L/F
ICV	H. Brown	7/23/24	738	44040045	4/8/26	4.00	21.8	4.07	137.8	P/F	L/F
CCV	H. Brown	7/23/24	1535	44020280	2/27/26	10.03	22.1	10.05	-205.4	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 170.2, slope from 4 to 7 174.3 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 7/2/24

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	H. Brown	7/23/24	741	0.00	0.00	P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:



Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

Meter Passed

End of Day CCV

Yes / No

RQ - 2024-07-15-52		Collected By:		Haylee Brown, Katrin Villinger							
Customer:	NE-DIST		Field Report Prepared By:		HAYLEE BROWN						
Project ID:	BLOOM_RESP		Sampling Agency:		NEROC						
Location: Doctors Lake - Mill Cove				Comments:							
Field ID / WIN ID: NEHAB0057				Coordinates:		30.12403, -81.72750					
WBID:				Collection Equip:		WaterBottle					
WIN Secondary Resource Type: Lake				High Tide Time:		12:50		Low Tide Time:		20:24	
Matrix:	Marine		Grab		Tide:		☐ Rising ☐ Falling ☒ Slack ☐ N/A				
Water Quality		Meter ID:		Bruce		Secchi ID:					
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)	
07/23/2024	10:25	89 <----> 6.35		30.9	8.78	0.3	1.42	0.7	11970	6.78	
		DB/KV									
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque			
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:			
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:					
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☐ Glob			
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☒ Suspended		☐ Benthic ☐ Epiphytic	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		Acid Lot:		SA3340020		Exp:		12/11/2024			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um	Filter Lot #	R1EB01329		☒ Ice	1	B	
					Syringe Lot #	NA					
Quantitative Algae		☐ DTY-QN-C / ☐ PKD-QN-C				☐ Ice		☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
HAYLEE BROWN		07/23/2024 16:30		3							

Cyanobacteria Bloom Response Data Handling Addendum

RQ-	2024-07-15-52	Date	07/23/2024
Field ID	NEHAB0057	Time	10:25
Location	Doctors Lake - Mill Cove		

SECTION FOR FDEP USE

LIMS EVENT ID: NE-DIST-2024-07-24-02WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: DB 08/13/2024QC Station ID, Field Parameters In LIMS DMT: _____

(Initials/Date)(Initials/Date)

Scan/Save Field Sheets _____Migrate Data to WIN: _____Verify Data In WIN: _____

(Initials/Date)(Initials/Date)(Initials/Date)



Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

Meter Passed

End of Day CCV

Yes / No

RQ - 2024-07-15-52		Collected By:		Haylee Brown, Katrin Villinger							
Customer:	NE-DIST		Field Report Prepared By:		HAYLEE BROWN						
Project ID:	BLOOM_RESP		Sampling Agency:		NEROC						
Location: Doctors Lake - Center				Comments:							
Field ID / WIN ID: NEHAB0120				Coordinates:		30.13854, -81.72718					
WBID:				Collection Equip:		WaterBottle					
WIN Secondary Resource Type: Lake				High Tide Time:		00:50		Low Tide Time:		08:24	
Matrix:	Marine		Grab		Tide:		☐ Rising ☐ Falling ☒ Slack ☐ N/A				
Water Quality		Meter ID:		Bruce		Secchi ID:					
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)	
07/23/2024	11:00	98.5<---->7.16		30.9	8.32	0.3	2.4	0.7	8918	4.94	
	11:02	77.5<---->5.62		30.5	8.54	1.9			10961	6.16	
		DB/KV									
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque			
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:			
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:					
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☒ Glob			
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☒ Surf-Windblown		☒ Suspended		☐ Benthic ☐ Epiphytic	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice	☒ H2SO4	☒ <2	1	B	
		Acid Lot:		SA3340020		Exp:		12/11/2024			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um	Filter Lot #	R1EB01329		☒ Ice	1	B	
					Syringe Lot #	NA					
Quantitative Algae		☐ DTY-QN-C / ☐ PKD-QN-C				☐ Ice		☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
HAYLEE BROWN		07/23/2024 11:09		3							

Cyanobacteria Bloom Response Data Handling Addendum

RQ-	2024-07-15-52	Date	07/23/2024
Field ID	NEHAB0120	Time	11:00
Location	Doctors Lake - Center		

SECTION FOR FDEP USE

LIMS EVENT ID: NE-DIST-2024-07-24-02WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: DB 08/13/2024QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)(Initials/Date)

Scan/Save Field SheetsMigrate Data to WIN:Verify Data In WIN:

(Initials/Date)(Initials/Date)(Initials/Date)



Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

Meter Passed

End of Day CCV

Yes / No

RQ - 2024-07-15-52		Collected By:		Haylee Brown, Katrin Villinger							
Customer:	NE-DIST		Field Report Prepared By:		HAYLEE BROWN						
Project ID:	BLOOM_RESP		Sampling Agency:		NEROC						
Location: Doctors Lake - Magnolia Rd				Comments:							
Field ID / WIN ID: NEHAB0119				Coordinates:		30.11716, -81.76176					
WBID:				Collection Equip:		WaterBottle					
WIN Secondary Resource Type: Lake				High Tide Time:		00:50		Low Tide Time:		08:24	
Matrix:	Marine		Grab		Tide:		☐ Rising ☐ Falling ☒ Slack ☐ N/A				
Water Quality		Meter ID:		Bruce		Secchi ID:					
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)	
07/23/2024	12:15	157.9<---->1.14		31.2	9.1	0.3	2.1	0.6	11254	6.33	
	12:22	103.4<---->7.35		31.2	8.8	1.6			11481	6.47	
		DB/KV									
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque			
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:			
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:					
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☐ Glob			
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☒ Suspended		☐ Benthic ☐ Epiphytic	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		Acid Lot:		SA3340020		Exp:		12/11/2024			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um	Filter Lot #	R1EB01329		☒ Ice	1	B	
					Syringe Lot #	NA					
Quantitative Algae		☐ DTY-QN-C / ☐ PKD-QN-C				☐ Ice		☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
HAYLEE BROWN		07/23/2024 16:30		3							

Cyanobacteria Bloom Response Data Handling Addendum

RQ-	2024-07-15-52	Date	07/23/2024
Field ID	NEHAB0119	Time	12:15
Location	Doctors Lake - Magnolia Rd		

SECTION FOR FDEP USE

LIMS EVENT ID: NE-DIST-2024-07-24-02WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: DB 08/13/2024QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)(Initials/Date)

Scan/Save Field SheetsMigrate Data to WIN:Verify Data In WIN:

(Initials/Date)(Initials/Date)(Initials/Date)



Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

Meter Passed

End of Day CCV

Yes / No

RQ - 2024-07-15-52		Collected By:		Haylee Brown, Katrin Villinger							
Customer:	NE-DIST		Field Report Prepared By:		HAYLEE BROWN						
Project ID:	BLOOM_RESP		Sampling Agency:		NEROC						
Location: Doctors Lake - Camp Echokotee				Comments:							
Field ID / WIN ID: NEHAB0085				Coordinates:		30.14995, -81.72451					
WBID:				Collection Equip:		WaterBottle					
WIN Secondary Resource Type: Lake				High Tide Time:		00:50		Low Tide Time:		08:24	
Matrix:	Marine		Grab		Tide:		☐ Rising ☐ Falling ☒ Slack ☐ N/A				
Water Quality		Meter ID:		Bruce		Secchi ID:					
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)	
07/23/2024	11:35	96.2 <----> 7.1		30.6	7.95	0.3	1.9	0.9	7361	4.02	
	11:39	52.1 <----> 3.8		30.4	7.82	1.4			9362	5.2	
		DB/KV									
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque			
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:			
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:					
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☐ Glob			
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☒ Suspended		☐ Benthic ☐ Epiphytic	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		Acid Lot:		SA3340020		Exp:		12/11/2024			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um	Filter Lot #	R1EB01329		☒ Ice	1	B	
					Syringe Lot #	NA					
Quantitative Algae		☐ DTY-QN-C / ☐ PKD-QN-C				☐ Ice		☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
HAYLEE BROWN		07/23/2024 16:30		3							

Cyanobacteria Bloom Response Data Handling Addendum

RQ-	2024-07-15-52	Date	07/23/2024
Field ID	NEHAB0085	Time	11:35
Location	Doctors Lake - Camp Echockotee		

SECTION FOR FDEP USE

LIMS EVENT ID: NE-DIST-2024-07-24-02WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: DB 08/13/2024QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)(Initials/Date)

Scan/Save Field SheetsMigrate Data to WIN:Verify Data In WIN:

(Initials/Date)(Initials/Date)(Initials/Date)



Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

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Meter Passed

End of Day CCV

Yes / No

RQ - 2024-07-15-52		Collected By:		Haylee Brown, Katrin Villinger							
Customer:	NE-DIST		Field Report Prepared By:		HAYLEE BROWN						
Project ID:	BLOOM_RESP		Sampling Agency:		NEROC						
Location: Doctors Lake - Pace Island dock				Comments:							
Field ID / WIN ID: NEHAB0055				Coordinates:		30.13633, -81.72074					
WBID:				Collection Equip:		WaterBottle					
WIN Secondary Resource Type: Lake				High Tide Time:		00:50		Low Tide Time:		08:24	
Matrix:	Marine		Grab		Tide:		☐ Rising ☐ Falling ☒ Slack ☐ N/A				
Water Quality		Meter ID:		Bruce		Secchi ID:					
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)	
07/23/2024	10:40	47.9<---->3.47		30.5	8.14	0.3	0.88	0.7	10631	5.97	
		DB/KV									
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Clarity		☒ Clear		☐ Slightly Turbid		☐ Turbid		☐ Opaque			
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:			
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:					
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☐ Glob			
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☒ Suspended		☐ Benthic ☐ Epiphytic	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		Acid Lot:		SA3340020		Exp:		12/11/2024			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um	Filter Lot #	R1EB01329		☒ Ice	1	B	
					Syringe Lot #	NA					
Quantitative Algae		☐ DTY-QN-C / ☐ PKD-QN-C				☐ Ice		☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
HAYLEE BROWN		07/23/2024 16:30		3							

Cyanobacteria Bloom Response Data Handling Addendum

RQ-	2024-07-15-52	Date	07/23/2024
Field ID	NEHAB0055	Time	10:40
Location	Doctors Lake - Pace Island dock		

SECTION FOR FDEP USE

LIMS EVENT ID:NE-DIST-2024-07-24-02WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:DB 08/13/2024QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

(Initials/Date)

Scan/Save Field SheetsMigrate Data to WIN:Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

Meter Passed

End of Day CCV

Yes / No

RQ - 2024-07-15-52		Collected By:		Haylee Brown, Katrin Villinger							
Customer:	NE-DIST		Field Report Prepared By:		HAYLEE BROWN						
Project ID:	BLOOM_RESP		Sampling Agency:		NEROC						
Location: Doctors Lake - Wyndegate Dr				Comments:							
Field ID / WIN ID: NEHAB0117				Coordinates:		30.15392, -81.71624					
WBID:				Collection Equip:		WaterBottle					
WIN Secondary Resource Type: Lake				High Tide Time:		00:50		Low Tide Time:		08:24	
Matrix:	Marine		Grab		Tide:		☐ Rising ☐ Falling ☒ Slack ☐ N/A				
Water Quality		Meter ID:		Bruce		Secchi ID:					
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)	
07/23/2024	11:20	97 <----> 7.08		30.5	8.02	0.3	1.9	0.9	7899	4.33	
	11:22	88.6<---->6.49		30.5	8.04	1.4			8377	4.62	
		DB/KV									
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque			
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:			
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:					
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☐ Glob			
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☒ Suspended		☐ Benthic ☐ Epiphytic	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		Acid Lot:		SA3340020		Exp:		12/11/2024			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um	Filter Lot #	R1EB01329		☒ Ice	1	B	
					Syringe Lot #	NA					
Quantitative Algae		☐ DTY-QN-C / ☐ PKD-QN-C				☐ Ice		☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
HAYLEE BROWN		07/23/2024 16:30		3							

Cyanobacteria Bloom Response Data Handling Addendum

RQ-	2024-07-15-52	Date	07/23/2024
Field ID	NEHAB0117	Time	11:20
Location	Doctors Lake - Wyndegate Dr		

SECTION FOR FDEP USE

LIMS EVENT ID:NE-DIST-2024-07-24-02WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:DB 08/13/2024QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)(Initials/Date)

Scan/Save Field SheetsMigrate Data to WIN:Verify Data In WIN:

(Initials/Date)(Initials/Date)(Initials/Date)



Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

Meter Passed

End of Day CCV

Yes / No

RQ - 2024-07-15-52		Collected By:		Haylee Brown, Katrin Villinger							
Customer:	NE-DIST		Field Report Prepared By:		HAYLEE BROWN						
Project ID:	BLOOM_RESP		Sampling Agency:		NEROC						
Location: Doctors Lake - End of Lawrence Rd				Comments:							
Field ID / WIN ID: NEHAB0073				Coordinates:		30.12947, -81.75175					
WBID:				Collection Equip:		WaterBottle					
WIN Secondary Resource Type: Lake				High Tide Time:		00:50		Low Tide Time:		08:24	
Matrix:	Marine		Grab		Tide:		☐ Rising ☐ Falling ☒ Slack ☐ N/A				
Water Quality		Meter ID:		Bruce		Secchi ID:					
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)	
07/23/2024	12:00	108.2<---->7.76		30.7	8.67	0.3	1.14	0.6	10234	5.73	
		DB/KV									
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque			
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:			
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:					
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☐ Glob			
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☒ Suspended		☐ Benthic ☐ Epiphytic	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
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Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		Acid Lot:		SA3340020		Exp:		12/11/2024			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um	Filter Lot #	R1EB01329		☒ Ice	1	B	
					Syringe Lot #	NA					
Quantitative Algae		☐ DTY-QN-C / ☐ PKD-QN-C				☐ Ice		☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
HAYLEE BROWN		07/23/2024 16:30		3							

Cyanobacteria Bloom Response Data Handling Addendum

RQ-	2024-07-15-52	Date	07/23/2024
Field ID	NEHAB0073	Time	12:00
Location	Doctors Lake - End of Lawrence Rd		

SECTION FOR FDEP USE

LIMS EVENT ID: _____WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____QC Station ID, Field Parameters In LIMS DMT: _____

(Initials/Date)(Initials/Date)

Scan/Save Field Sheets _____Migrate Data to WIN: _____Verify Data In WIN: _____

(Initials/Date)(Initials/Date)(Initials/Date)