

From: [Rankin, Amelia](#)
To: [Reaves, Shawn D](#)
Cc: [Klug, Kyle](#); [Ayres, Joshua](#)
Subject: FW: 4/18/22 Lake Winnott BLOOM-RESP Sample
Date: Monday, April 25, 2022 9:53:28 AM
Attachments: [RO-2022-04-11-48_04182022.pdf](#)

Hi Shawn,

Would you please edit the Location name for the Lake Winnott sample collected on 4/18/22? It should be Bakers Acres, not Balers Acres. The corrected submittal sheets are attached. The Event ID is WQAP-2022-04-19-01.

Thank you!
Amelia

From: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Sent: Monday, April 25, 2022 8:18 AM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Cc: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Subject: RE: 4/18/22 Lake Winnott BLOOM-RESP Sample

Here is the edited form for the Lake Winnott bloom sample

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Friday, April 22, 2022 11:51 AM
To: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Cc: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Subject: 4/18/22 Lake Winnott BLOOM-RESP Sample

Hi!

Would you please check the Location name for the Lake Winnott BLOOM-RESP sample collected on 4/18/22? (submittal sheets attached.) I believe the address should be 147 Bakers Acres Dr, not 147 Balers Acres Dr.

Thank you,

Amelia Rankin

Taxonomy Manager

FDPEP Laboratory--Biology Program

2600 Blair Stone Rd.

MS 6515

Tallahassee, FL 32399-2400

Phone: (850) 245-8182

McCoy, Ian

From: McCoy, Ian
Sent: Thursday, April 21, 2022 3:30 PM
To: Davis, Brian G.; Parrish, Jeremy M.
Cc: Klug, Kyle
Subject: RE: Missing Samples
Attachments: 20220421_084617.jpg

Well this is a little embarrassing.

My paperwork didn't line up and I noticed that LIMS had data for the suspected missing samples. I think Lab Staff checked out the samples earlier than usual and that threw me off at the tail end of the login experience. They were never really "lost/missing" and were sitting on the assigned storage shelf.

Sorry for any headaches this may have caused and thank you for your time.

Ian McCoy
Florida DEP Receiving
Lab Support Staff
Phone - 850-245-8062

From: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Sent: Thursday, April 21, 2022 8:27 AM
To: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Subject: RE: Missing Samples/Sample Time Confirmation

I apologize everyone. The bottles are labeled with the correct time. I have updated the sheet and attached it.

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Thursday, April 21, 2022 8:22 AM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>; Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Subject: RE: Missing Samples/Sample Time Confirmation

Good morning, I was hoping to get updated paperwork for this event?

Ian McCoy
Florida DEP Receiving
Lab Support Staff
Phone - 850-245-8062

From: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Sent: Tuesday, April 19, 2022 2:42 PM
To: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>; McCoy, Ian <Ian.McCoy@FloridaDEP.gov>

Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>

Subject: Re: Missing Samples/Sample Time Confirmation

Go with the bottles, for the time. Brian or Kat will have to send an updated paperwork.

Jeremy

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>

Sent: Tuesday, April 19, 2022 11:46:35 AM

To: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>; Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>

Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>

Subject: Missing Samples/Sample Time Confirmation

Good morning, I received RQ-2022-04-11-48 and noticed that the PO4 samples mentioned on the paperwork were not included in the event and as a result will not be logged in.

I've also noticed that the sampling time for site "Lake Winnott – 147 Balers Acres Dr" is a bit unclear (there are three times on the paperwork) and usually we go with the first time listed (11:34) but this doesn't match what is written on the bottles (11:40) which isn't included on the paperwork.

Which would you rather I use for logging in the samples?

If you have any questions, feel free to ask. Have a great day!

Ian McCoy
Florida DEP Receiving
Lab Support Staff
Phone - 850-245-8062

RQ-20 22-04-11-48

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/19/2022 9:20

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
1.0				10		✓			522555454959

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes _____ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No _____

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA _____

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes _____ No _____

Caps on tight?

Yes _____ No _____

Sufficient Sample Volume:

Yes _____ No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes _____ No _____ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH < 2.0?

Yes _____ No _____ NA _____ Init: IM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA _____ Init: IM

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: IM

Date: 4/19/2022

Event contains NCRs (Y/N)?

Event ID: Algal Bloom Response- NEROC
 WQAP-2022-04-19-01 (BLOOM-RESP)
 Page 1 of 2, 06/15/20 Date Received: 19-APR-2022 09:20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/19/22
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	207621 exp: 3/15/24
Chlorine Test Strips	0070 exp: 02/2023

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

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: DESI

RQ: 2022-04-11-48

Project: Algae Response

Lake Winnott - Memorial Park

- Notes: (1) Always wait for meter to stabilize before recording any readings.
(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 2/3/22

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.	<u>K. Villinger</u>	<u>4/18/22</u>	<u>849</u>	<u>21.1</u>	<u>758.8</u>	<u>8.9</u>	<u>—</u>	<u>99.8</u>	<u>—</u>	<u>1.0122</u>	<u>(P) F</u>	<u>(L) F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>851</u>	<u>21.0</u>	<u>758.8</u>	<u>8.9</u>	<u>8.91</u>	<u>99.8</u>	<u>—</u>	<u>1.0122</u>	<u>(P) F</u>	<u>(L) F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1525</u>	<u>21.6</u>	<u>755.1</u>	<u>8.8</u>	<u>8.84</u>	<u>100.2</u>	<u>—</u>	<u>1.0122</u>	<u>(P) F</u>	<u>(L) F</u>
CCV											<u>P / F</u>	<u>L / F</u>

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.	<u>K. Villinger</u>	<u>4/18/22</u>	<u>852</u>	<u>220225A</u>	<u>3/23</u>	<u>1000</u>	<u>1000</u>	<u>(P) F</u>	<u>(L) F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>855</u>	<u>210917A</u>	<u>9/22</u>	<u>100</u>	<u>100.1</u>	<u>(P) F</u>	<u>(L) F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1528</u>	<u>210917C</u>	<u>9/22</u>	<u>50000</u>	<u>50500</u>	<u>(P) F</u>	<u>(L) F</u>
CCV								<u>P / F</u>	<u>L / F</u>

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.	<u>K. Villinger</u>	<u>4/18/22</u>	<u>857</u>	<u>2112B19</u>	<u>12/23</u>	<u>7.02</u>	<u>21.0</u>	<u>7.02</u>	<u>-42.7</u>	<u>(P) F</u>	<u>(L) F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>859</u>	<u>2201088</u>	<u>1/24</u>	<u>4.00</u>	<u>21.1</u>	<u>4.00</u>	<u>136.0</u>	<u>(P) F</u>	<u>(L) F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>902</u>	<u>2202A63</u>	<u>7/23</u>	<u>10.05</u>	<u>21.0</u>	<u>10.05</u>	<u>-210.7</u>	<u>(P) F</u>	<u>(L) F</u>
ICV	<u>✓</u>	<u>✓</u>	<u>904</u>	<u>2201088</u>	<u>1/24</u>	<u>4.00</u>	<u>21.1</u>	<u>4.04</u>	<u>132.4</u>	<u>(P) F</u>	<u>(L) F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1532</u>	<u>2202A63</u>	<u>7/23</u>	<u>10.03</u>	<u>21.7</u>	<u>10.02</u>	<u>-211.4</u>	<u>(P) F</u>	<u>(L) F</u>
CCV										<u>P / F</u>	<u>L / F</u>

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 10 168.0, slope from 4 to 7 178.7 (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: 2/3/22

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	<u>K. Villinger</u>	<u>4/18/22</u>	<u>905</u>	<u>0.000</u>	<u>0.000</u>	<u>(P) F</u>	<u>(L) F</u>

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 (2022-04-15 v1)

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

RQ - 2022-04-11-48		Collected By:		Katrin Villinger, Brian Davis						
Customer:	WQAP	Field Report Prepared By:		Katrin Villinger						
Project ID:	BLOOM_RESP	Sampling Agency:		NEROC						
Location: LSJR @ Memorial Park Shoreline			Comments: Partly cloudy, mild fish smell, turbid water. No bloom observed							
Field ID: NEHAB0071			Coordinates: 30.30990, -81.67939							
WIN Secondary Resource Type: River/Stream			Collection Equip: WaterBottle							
WIN ID: NEHAB0071			High Tide Time: 11:50		Low Tide Time: 18:10					
Matrix:	Marine	Grab	Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A							
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)
04/18/2022	14:10	86.1	6.91	23.7	7.58	0.3	0.8	0.25	15842	9.26
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 ID (PT-50mL)	☐ ALGAE-ID		☐ Ice							
Bloom ID (PT-50mL)	☒ BLOOM-ID		☒ Ice			1	A			
Chlorophyll (BP-1L)	☒ CHLSUITE-W		☒ Ice			1	B			
Toxins (BG-WD250)	☒ W-MCYST-AA / W-SAXTN-MS		☒ Ice			1	B			
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2	1	B			
	SA1308030		12/1/22							
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice	1	B			
	Filter Lot # R1EB01329									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols							
Relinquished By:	Date/Time	Number of Coolers Shipped			Received By:	Date/Time				
Katrin Villinger	04/18/2022 16:30	1			IM	4/19/22 9:20				



Cyanobacteria Bloom Response Field Data Sheet (2022-04-15 v1)

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

RQ - 2022-04-11-48				Collected By:		Brian D., Katrin V					
Customer:		WQAP		Field Report Prepared By:		Brian Davis					
Project ID:		BLOOM_RESP		Sampling Agency:		NEROC					
Location: Lake Winnott - 147 Balers Acres Dr				Comments: Cloudy skies,							
Field ID: NEHAB0014				Coordinates:		29.65116, -82.04722					
WIN Secondary Resource Type: Lake				Collection Equip:		WaterBottle					
WIN ID: NEHAB0014				High Tide Time:				Low Tide Time:			
Matrix:		Fresh		Grab				Tide:		☐ Rising ☐ Falling ☐ Slack ☒ N/A	
Water Quality											
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)	
04/18/2022	11:40	101.7	8.36	25	6.62	0.3	2.4	1	50.9	0.02	
	11:45	76.5	6.52	23.3	6.1	1.9				0.02	
	11:46	75.5	6.46	23.1	6.03	2				0.02	
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 ID (PT-50mL)		☐ ALGAE-ID				☐ Ice					
Bloom ID (PT-50mL)		☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (BG-WD250)		☒ W-MCYST-AA / W-SAXTN-MS				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		SA1308030		Acid Lot:		Exp:		12/01/2022			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	B	
				Filter Lot # R1EB01329							
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols					
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
Brian Davis		04/18/2022 16:00		1				IM 4/19/22 9:20			

Updated IM 4/19/22



Cyanobacteria Bloom Response Field Data Sheet (2022-04-15 v1)

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

RQ - 2022-04-11-48		Collected By:		Brian D., Katrin V	
Customer:	WQAP	Field Report Prepared By:		Brian Davis	
Project ID:	BLOOM_RESP	Sampling Agency:		NEROC	
Location: Lake Winnott - 147 Balers Acres Dr			Comments: Cloudy skies,		
Field ID: NEHAB0014			Coordinates: 29.65116, -82.04722		
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle		
WIN ID: NEHAB0014			High Tide Time:		Low Tide Time:
Matrix:	Fresh	Grab	Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A		

Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)
04/18/2022	11:34	101.7	8.36	25	6.62	0.3	2.4	1	50.9	0.02
	11:45	76.5	6.52	23.3	6.1	1.9			51.6	0.02
	11:46	75.5	6.46	23.1	6.03	2			51.5	0.02

Bloom Observations	
Algal Bloom Observed?	☒ Yes ☐ No
Water Clarity	☐ Clear ☒ Slightly Turbid ☐ Turbid ☐ Opaque ☒ 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 ID (PT-50mL)	☐ ALGAE-ID	☐ Ice			
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA / W-SAXTN-MS	☒ Ice		1	B
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Preserved Nutrients (500mL HDPE)	SA1308030 Acid Lot:	Exp: 12/01/2022			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45um Filter Filter Lot # R1EB01329	☒ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Brian Davis	04/18/2022 16:00	1	IM	4/19/22 9:20

Original - IM 4/21/22

Date of Request: 25-MAR-2022
 Created By: PARRISH_J On: 25-MAR-2022
 Modified By: JASROTIA_P On: 25-MAR-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District:
 Event Description: Algal Bloom Response- NEROC

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West

 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 25-MAR-2022
 Biology Request Reviewed By: JASROTIA_P On: 25-MAR-2022
 Sampling Kit Required: YES Ship on: 31-MAR-2022
 Sampling Kit Shipped: YES On: 31-MAR-2022
 Sampling Kit Packed By: ROBERTS_Z
 Preservatives Needed: NO
 Date to Receive Samples: 11-APR-2022
 Logged In By: MCCOY_I On: 07-APR-2022

Send Final Report To:

8800 Baymeadows Way West

 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail:
 Jeremy.M.Parrish@dep.state.fl.us; Brian.G.Davis@floridadep.gov
 ;Amelia.Rankin@dep.state.fl.us

Comments:

Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxin testing, nutrients, and chlorophyll, algal full ID

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Please print two copies of algal job labels at login.

Bottle Group A (Biological) With 3 Samples:

Bottle Type: PT-50ML	Number of Bottles: 3	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 3 Samples:

Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: BG-250ML-WDMTH	Number of Bottles: 3	Preserved With: ICE
W-MCYST-AA	Template:	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-125ML Number of Bottles: 3 Preserved With: FILTER-ICE
W-PO4-F Template: DEFAULT (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.