

From: [Rankin, Amelia](#)
To: [Reaves, Shawn D](#)
Cc: [Ayres, Joshua](#); [Davis, Brian G.](#); [Wright, Colin](#)
Subject: WQAP-2021-11-02-02 Correction
Date: Wednesday, November 3, 2021 11:30:49 AM
Attachments: [WOAP-2021-11-02-02.pdf](#)

Hi Shawn,

Would you please edit the Site Location for the sample collected at 1045 a.m.? It should be Plummer's Cove.

Thank you,
Amelia

From: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Sent: Thursday, October 7, 2021 7:54 AM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Lee, Jessica <Jessica.Lee@FloridaDEP.gov>
Cc: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Subject: RE: 10/5/21 BLOOM-RESP Sample

Morning Amelia,

That's unfortunate. I should be **Plummer's** cove. That was an oversight on my part. I can change it on our end for the next resampling.

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Wednesday, October 6, 2021 3:50 PM
To: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>; Lee, Jessica <Jessica.Lee@FloridaDEP.gov>
Cc: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Subject: 10/5/21 BLOOM-RESP Sample

Hi,

Should the BLOOM-RESP sample collected on 10/5/21 at 1045 be Plummer's Cove or Plumber's Cove? On the submittal sheet (attached), it's Plumber's Cove.

Thanks!

Amelia Rankin

*Taxonomy Manager
FDPEP Laboratory--Biology Program
2600 Blair Stone Rd.
MS 6515*

Tallahassee, FL 32399-2400

Phone: (850) 245-8182

Login Checklist

RQ- 2021-10-13-54

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/ 2 /21 @ 9:33 AM

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
2.4				15		X			5225 5540 8949
2.2				15		X			5225 5540 8950

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: YR

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: YR

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

Yes _____ No _____ NA ✓ Init: YR

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

Coolers Unpacked/Checked by: YR

Date: 10-2 /21

Event contains NCRs (Y/N)? N

Algal Bloom Response- NEROC

Event ID: WQAP-2021-11-02-02 (BLOOM-RESP)

-Date Received: 02-NOV-2021 09:33

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/19/2022
pH Test Strips 0 – 6	N/A
pH Paper 0 – 3	N/A
pH Paper 0 – 13	210620 EXP:04/15/2023
Chlorine Test Strips	0261 EXP:05/2023

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: 2021-10-18-54

Project: Algal Response

- 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 8/16/21

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.	Brian Davis	11/1/21	833	20.9	764.1	9.0	✓	100.5	✓	1.07	P/F	L/F
ICV	↓	↓	835	21.0	764.2	9.0	8.94	100.3	✓	1.07	P/F	L/F
CCV	Kim Appleby	↓	1540	21.6	763.3	8.8	8.85	100.6	-	1.07	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 #	Explr. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Brian Davis	11/1/21	754	210917B	9/22	1000	1000	P/F	L/F
ICV	↓	11/1/21	756	210426A	5/22	100	101.6	P/F	L/F
CCV	Kim Appleby	11/1/21	1542	210426A	5/22	1413		P/F	L/F
CCV			1546	210917B	9/22	1000	999	P/F	L/F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Explr. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Brian Davis	11/1/21	820	2107F56	7/23	7.02	20.9	7.02	-19.8	P/F	L/F
Calibr.	↓	↓	821	2107640	7/23	4.00	21.1	4.00	157.5	P/F	L/F
Calibr.	↓	↓	826	2012E08	6/22	10.04	21.0	10.05	-191.5	P/F	L/F
ICV	↓	↓	830	2107F56	7/23	7.02	21.1	7.08	-21.1	P/F	L/F
CCV	Kim Appleby	↓	1550	2012E08	6/22	10.04	20.9	10.09	-194.9	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 ± 50; mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 171.7, slope from 4 to 7 177.3 (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: 8/18/21

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	Brian Davis	11/1/21	836	0.00	0.00	P/F	L/F

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

COMMENTS:

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021- 10-18-54		Collected By: B Davis, Kim A								
Customer: NE-Dist		Field Report Prepared By: B Davis								
Project ID: BLOOM_RESP		Sampling Agency: FDEP								
Field ID:		Comments:								
WIN ID/Field ID:  NEHAB0040										
Mouth of Goodby's Creek										
Collection Equipment: 0450-#44										
Matrix: Feces		Coordinates: 30.21622-81.622840								
Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A		High Tide Time: 711 Low Tide Time: 1247								
Water Quality										
Date	Time ☐ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPT)	Secchi Disk (m)	Total Depth (m)
11/1/21	1005	8.20	88.0	18.6	7.81	0.3	825	0.41	0.5	1.45
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Surface ☒ Clear ☐ Scum ☐ Globs ☐ Slick										
Water Clarity ☐ Clear ☒ Slightly Turbid ☐ Turbid ☐ Opaque										
Bloom Color ☒ Green ☐ Red ☐ Brown ☐ Other:										
Algae Distribution ☒ Suspended in water column ☒ On surface ☐ Other:										
Water Odors ☒ Normal ☐ Sewage ☐ Petroleum ☐ Chemical Other:										
Parameter Suite		Parameter Methods		Preservation		pH Check		#Bottles Sent to Lab		Bottle Group
Bloom ID (PT-50ML)		☒ BLOOM-ID		☒ Ice				1		A
Chlorophyll (BP-1L)		☒ CHLSUITE-W		☐ Ice				1		B
Toxins (BG-WD250)		☒ W-MCYST-AA		☒ Ice				1		B
Preserved Nutrients (500mL HDPE)		☐ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☐ <2		1		B
Filtered Nutrients (P125mL)		Lot SA1105060		Exp: 4/30/22		☐ <2				
Quantitative Algae		☒ W-PO4-F ☐ Field Filtered 0.45um Filter ☒ Ice		☐ Ice ☐ Lugols				1		B
Relinquished By: B. P.		Date/Time: 11/1/21 1600		Number of Coolers Shipped: 2		Received By: MR		Date/Time: 11-2-2021 9:33 AM		

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021-10-18-54		Collected By:	Brian D. Kim A.							
Customer	NE-Dist	Field Report Prepared By:	Brian D.							
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP							
Comments:										
WIN ID/Field ID:  NEHAB0047										
Mouth of Deep Bottom Creek			Collection Equipment:	Outlet #44						
Matrix:	Fresh	Coordinates:	30.177180, -81.642890							
Tide:	☐ Rising ☒ Falling ☐ Slack ☐ N/A	High Tide Time:	711	Low Tide Time: 1247						
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)
11/1/21	1115	8.14	87.0	18.5	7.74	0.15	727	0.36	VOB	0.3
Bloom Observations										
Algal Bloom Observed?		☒ Yes ☐ No								
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick						
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other:						
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other:							
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other:					
Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group					
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		1	A					
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B					
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	D					
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B					
Filtered Nutrients (P125mL)	Lot SA1105060 Exp: 4/30/22	☒ W-PO4-F ☒ Field Filtered 0.45um Filter ☒ Ice	☐ <2	1	B					
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols								
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time						
B.D.	11/1/21 1600	2	JK	11-2-2021 9:33 AM						

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021-10-18-54		Collected By:	Brian D. Kim A	
Customer	NE-Dist	Field Report Prepared By:	Brian D.	
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP	

WIN ID/Field ID:  NEHAB0046

Comments: Plumber's Cove

Matrix:	Fresh	Collection Equipment:	Outbo 44
Tide:	☐ Rising ☒ Falling ☐ Slack ☐ N/A	Coordinates:	30.191440, -81.636990
		High Tide Time:	711
		Low Tide Time:	1247

Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)
11/1/21	1045	8.44	92.9	20.0	7.86	0.3	789	0.39	0.6	1.7
	1047	8.17	88.5	19.1	7.80	1.2	798	0.39		

Bloom Observations										
Algal Bloom Observed?		☒ Yes	☐ No							
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ Slick						
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other:						
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other:							
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other:					

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	D
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☐ H2SO4	☒ <2	1	B
Filtered Nutrients (P125mL)	Lot SA1105000 Exp: 4/30/22		☐ <2		
Quantitative Algae	☒ W-P04-F ☒ Field Filtered 0.45um Filter	☒ Ice		1	B
	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
B. D.	11/1/21 1600	2	3/1	11-2-2021 9:33

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021-10-18-54		Collected By: Brian D. Kin A								
Customer: NE-Dist	Field Report Prepared By: Brian D.									
Project ID: BLOOM_RESP	Sampling Agency: FDEP									
WIN ID/Field ID:  NEHAB0029		Comments:								
LSJR @ end of Blake Ave		Collection Equipment: Out to # 44								
Matrix: Flesh	Coordinates: 30.174360, -81.697140									
Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A	High Tide Time: 711	Low Tide Time: 1247								
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)
11/1/21	1150	7.84	87.0	21.3	7.82	0.3	795	0.39	VOB	0.6
Bloom Observations										
Algal Bloom Observed? ☐ Yes ☒ No										
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ Slick						
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☐ Green	☐ Red	☐ Brown	☐ Other:						
Algae Distribution	☐ Suspended in water column	☐ On surface	☐ Other:							
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other:					
Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group					
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		1	A					
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B					
Toxins (BG-WD250)	☒ W-MCYST-AA	☐ Ice		1	B					
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☐ <2	1	B					
	Lot SA1105060	Exp: 4/30/22	☐ <2							
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter	☒ Ice		1	B					
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols								
Relinquished By: B. D.	Date/Time: 11/1/21 1600	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 11-2-2021						

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021- 10-18-54		Collected By: Brian D. Kin A.	
Customer	NE-Dist	Field Report Prepared By: Brian D.	
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP

Comments:

WIN ID/Field ID:  NEHAB0042

Yacht Basin

Matrix:	Fresh	Collection Equipment:	O-Ltso #44
Tide:	☒ Rising ☐ Falling ☐ Slack ☐ N/A	Coordinates:	30.250950, -81.689650
		High Tide Time:	711
		Low Tide Time:	1247

Water Quality										
Date	Time ☐ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)
11/1/21	1235	8.01	89.9	20.9	7.82	0.3	845	0.42	0.8	1.3

Bloom Observations					
Algal Bloom Observed? ☐ Yes ☒ No					
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick	
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque	
Bloom Color	☐ Green	☐ Red	☐ Brown	☐ Other:	
Algae Distribution	☐ Suspended in water column		☐ On surface	☐ Other:	
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other:

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45um Filter	☒ 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
B-D	11/1/21 1600	2	31	11-2-2021 9:33AM

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021-10-18-54	Collected By: Brian P. Kin A.
Customer: NE-Dist	Field Report Prepared By: Brian P.
Project ID: BLOOM_RESP	Sampling Agency: FDEP
Field ID:	Comments:

WIN ID/Field ID:



NEHAB0024

Christopher Creek below San Jose Blvd

Collection Equipment: 0450 #44
Coordinates: 30.252660, -81.641990
High Tide Time: 711 Low Tide Time: 1247

Matrix: Fles	Tide: ☒ Rising ☐ Falling ☐ Slack ☐ N/A									
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)
11/1/21	1305	6.93	74.1	18.7	7.29	0.3	606	0.30	0.8	0.8

Bloom Observations					
Algal Bloom Observed?	☒ Yes	☐ No			
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ Slick	
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque	
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other:	
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other:		
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other:

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☐ H2SO4	☒ <2	1	D
Filtered Nutrients (P125mL)	Lot SA1105060 Exp: 4/30/22	☒ W-PO4-F ☒ Field Filtered 0.45um Filter ☒ Ice	☐ <2	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			

Relinquished By: B. P. Kin	Date/Time: 11/1/21 1600	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 11-2-2021 1:33am
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Date of Request: 07-OCT-2021
 Created By: PARRISH_J On: 07-OCT-2021
 Modified By: JASROTIA_P On: 11-OCT-2021
 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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 11-OCT-2021
 Biology Request Reviewed By: JASROTIA_P On: 11-OCT-2021
 Sampling Kit Required: YES Ship on: 13-OCT-2021
 Sampling Kit Shipped: YES On: 12-OCT-2021
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 18-OCT-2021
 Logged In By:

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.

PRESERVATIVES
 SEND 2 BOXES OF SULFURIC ACID

Bottle Group A (Biological) With 7 Samples:

Bottle Type: PT-50ML	Number of Bottles: 7	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 7 Samples:

Bottle Type: BP-1L	Number of Bottles: 7	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: 7	Preserved With: ICE
W-MCYST-AA	Template:	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 7	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

Bottle Group B (Water) With 7 Samples:

Bottle Type: P-500ML	Number of Bottles: 7	Preserved With: ICE And H2SO4
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: 7	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.