

From: [Reaves, Shawn D](#)
To: [Rankin, Amelia](#)
Cc: [Klug, Kyle](#); [Ayres, Joshua](#); [Morse, Jessica](#); [Barrington, John](#); [Wright, Colin](#)
Subject: RE: 5/17/23 BLOOM-RESP Samples
Date: Monday, May 22, 2023 15:05:55
Attachments: [image004.png](#)

It's completed.

Kyle – can you add this email to the scan file WQAP-2023-05-18-02

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Monday, May 22, 2023 12:34 PM
To: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>; Morse, Jessica <Jessica.Morse@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Subject: FW: 5/17/23 BLOOM-RESP Samples

Hi,

Based on the sampler's emails, below, would you please edit two Site Locations for Event WQAP-2023-05-18-02?

Site Location Navigator Bar should be Peace River - at mouth of Deep Creek.

Site Location Conway and depew should be Niagara Waterway – at Conway and Depew.

The submittal sheet was created before the samplers knew the waterbody at one location, autocorrect messed up the other.

Thank you,
Amelia

From: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Sent: Wednesday, May 17, 2023 5:39 PM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>
Cc: Barrington, John <John.Barrington@FloridaDEP.gov>; Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Subject: Re: 5/17/23 BLOOM-RESP Samples

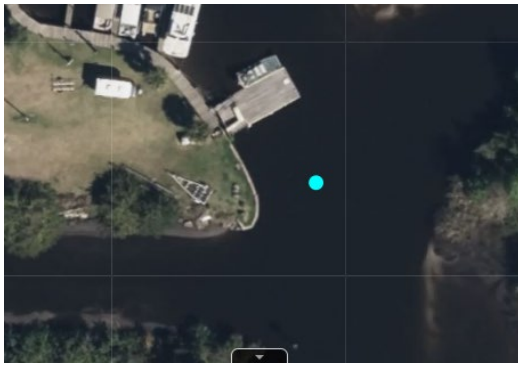
I think the first option Peace River - at mouth of Deep Creek is good and yeah that dot placement is much better.

Thank You,

Thomas Baker
Environmental Specialist II
Environmental Assessment and Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 314
Fort Myers, FL 33901
Thomas.J.Baker@FloridaDEP.gov
Office: 239-344-5663

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Wednesday, May 17, 2023 5:37:13 PM
To: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>
Cc: Barrington, John <John.Barrington@FloridaDEP.gov>; Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Subject: RE: 5/17/23 BLOOM-RESP Samples

I changed the base layer of the map and could see that the dot was right at the mouth of Deep Creek, right at Peace River. I've moved it from land into the water. is this a little better?



Does Peace River – at mouth of Deep Creek work, instead of Navigator Bar? Or Deep Creek – at Peace River?

Niagara Waterway has been added to the other visit.

Thank you for clearing everything up!
Amelia

From: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Sent: Wednesday, May 17, 2023 4:53 PM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>
Cc: Barrington, John <John.Barrington@FloridaDEP.gov>; Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Subject: RE: 5/17/23 BLOOM-RESP Samples

For the first question we did not know the name of that canal during sampling but it is called Niagara Waterway.

For the second the Report came in at the Nav-A-Gator Bar Boat Ramp. I think the dashes did not come in on the map. The algae dashboard is pretty deceiving with the Waterbody lines as where we sampled was right at the mouth of Deep Creek where Peace River feeds into it. You might have to change the layer over to show the satellite view to see we were right by the waters edge. The dot maybe could be moved over closer to the water since I think we opened the survey where we parked about 8-10 feet away from waters edge.

Thank you,



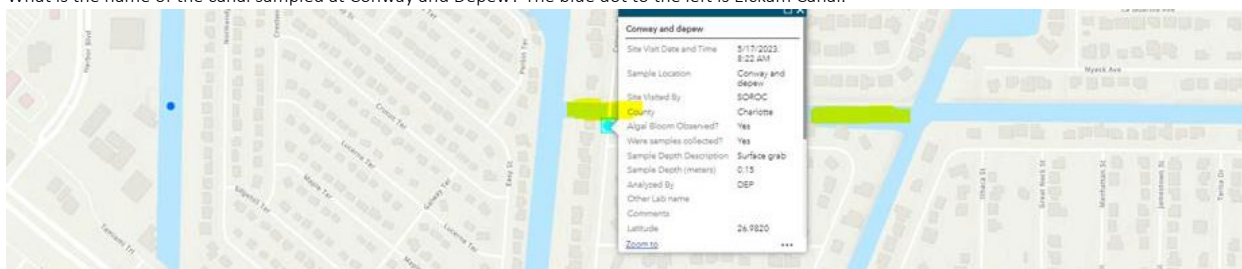
Thomas Baker
 Environmental Specialist II
 Environmental Assessment and Restoration – South ROC
 Florida Department of Environmental Protection
 2295 Victoria Avenue Suite 314
 Fort Myers, FL 33901
Thomas.J.Baker@FloridaDEP.gov
 Office: 239-344-5663

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Wednesday, May 17, 2023 16:33
To: Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Cc: Barrington, John <John.Barrington@FloridaDEP.gov>; Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Subject: 5/17/23 BLOOM-RESP Samples

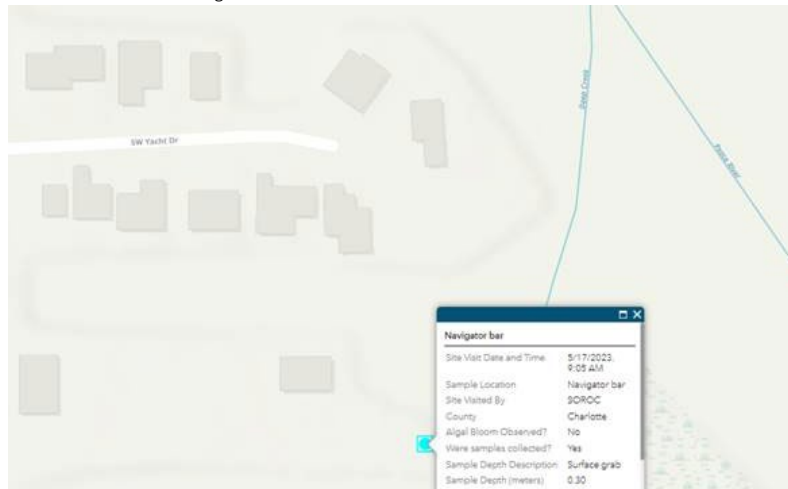
Hi!

I have a couple of naming questions for 2 of the BLOOM-RESP samples collected today, 5/17/23. I've already added Peace River to the Nocatee Boat Ramp visit.

What is the name of the canal sampled at Conway and Depew? The blue dot to the left is Elckam Canal.



The "Navigator bar" visit is on land, near Deep Creek. Was the sample collected from Deep Creek or the Peace River? Let me know if I need to move the dot. What does "Navigator bar" refer to?



Thanks for your help!

Amelia Rankin
Taxonomy Manager
FDEP Laboratory--Biology Program
2600 Blair Stone Rd.
MS 6515
Tallahassee, FL 32399-2400
Phone: (850) 245-8182

From: [Baker, Thomas J](#)
To: [Klug, Kyle](#)
Subject: Fwd: Emailing: RQ-2032-05-15-17_Hab-sd-051723-0822_05172023
Date: Friday, May 19, 2023 12:00:29
Attachments: [2032-05-15-17_Hab-sd-051723-0822_05172023.pdf](#)

Thank You,

FL-DEP-LOGO



Thomas Baker

Environmental Specialist II
Environmental Assessment and Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 314
Fort Myers, FL 33901
Thomas.J.Baker@FloridaDEP.gov
Office: 239-344-5663

From: Snorek, Gary <Gary.Snorek@dep.state.fl.us>
Sent: Wednesday, May 17, 2023 11:38:43 AM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Subject: Emailing: RQ-2032-05-15-17_Hab-sd-051723-0822_05172023

Your message is ready to be sent with the following file or link attachments:

2032-05-15-17_Hab-sd-051723-0822_05172023

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Login Checklist

RQ- 2023-05-15-17

Login Station ID: #4

Shipping Method: ~~FedEx~~ | UPS | HD | Greyhound

Date/Time of Receipt: 05/ 18 /2023@09:10

*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	
1.0				15		X			585947346624

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 X No _____

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

Yes _____ No X

CONTAINER CHECK

Evidence Tape on Bottles? Yes _____ No _____ NA X Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken? Yes _____ No _____ Containers intact? Yes X No _____

Caps on tight? Yes X No _____

Sufficient Sample Volume: Yes X 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 X Init: TL

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 X No _____ NA _____ Init: TL

**W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes _____ No _____ NA X Init: TL

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

Coolers Unpacked/Checked by: TL Date: 05/ 18 /2023 Event contains NCRs (Y/N)? N

EventID: WQAP-2023-05-18-02

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/17/2023
pH Test Strips 0 – 6	LOT# 223819AV Exp: AUG 30, 2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 1196 Exp: Feb. 2024

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# _____



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

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

RQ - 2032-05-15-17				Collected By:		Gary Snorek, Thomas Baker					
Customer:		WQAP		Field Report Prepared By:		Gary Snorek					
Project ID:		BLOOM_RESP		Sampling Agency:		SOROC					
Location: Conway and depew				Comments:							
Field ID: Hab-sd-051723-0822				Coordinates:		26.98201, -82.08817					
WIN Secondary Resource Type: Canal				Collection Equip:		WaterBottle					
WIN ID:				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)	
05/17/2023	08:22	139.7	10.77	28.8	7.22	0.15	0.3	0.1	465.7	0.22	
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	
Algal ID (PT-50mL)		☐ ALGAL-ID				☐ Ice					
Bloom ID (PT-50mL)		☒ 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	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
		Acid Lot:		3013020		Exp:		1/25/24			
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice			1	B	
		Filter Lot #		17589311							
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols					
Relinquished By:		Date/Time		Number of Coolers Shipped				Received By:		Date/Time	
Gary snorek		05/17/2023 08:36		1							



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

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

RQ - 2023-05-15-17		Collected By:		Gary Snorek, Thomas Baker						
Customer: Wqap		Field Report Prepared By:		Gary snorek						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Navigator bar			Comments:							
Field ID: Hab-sd-051723-0905			Coordinates: 27.06083, -82.00152							
WIN Secondary Resource Type: Canal			Collection Equip: WaterBottle							
WIN ID:			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)
05/17/2023	09:05	45.7	3.42	29.5	7.12	0.3	1.1	0.5	6719	3.64
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
Algal ID (PT-50mL)		☐ ALGAL-ID		☐ Ice						
Bloom ID (PT-50mL)		☒ 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
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2		1		B
		3013020		1/25/24						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice		1		B
		Filter Lot # 17589311								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols						
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Gary snorek		05/17/2023 09:15		1		TL		5/18/23 @ 09:10		



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

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

RQ - 2023-05-15-17		Collected By:		Gary Snorek, Thomas Baker						
Customer: Wqap		Field Report Prepared By:		Gary snorek						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Nocatee boat ramp			Comments:							
Field ID: Hab-sd-051723-0940			Coordinates: 27.16192, -81.90202							
WIN Secondary Resource Type: River/Stream			Collection Equip: WaterBottle							
WIN ID:			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)
05/17/2023	09:40	81.3	6.3	28.5	7.58	0.1	0.2	0.2	521	522
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
Algal ID (PT-50mL)		☐ ALGAL-ID				☐ Ice				
Bloom ID (PT-50mL)		☒ 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
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B
		3013020				1/25/24				
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	B
				Filter Lot # 17589311						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Gary snorek		05/17/2023 09:50		1		TL		5/18/23 @ 09:10		

Date of Request: 12-APR-2023
 Created By: BARRINGT_J On: 12-APR-2023
 Modified By: JASROTIA_P On: 26-APR-2023
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SOROC
 Event Description: Algal Bloom Response -SOROC

Send Coolers To:

Phone: 239-344-5720
 2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: John Barrington
 Cooler Ship EMail: john.barrington@floridadep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 25-APR-2023
 Biology Request Reviewed By: JASROTIA_P On: 26-APR-2023
 Sampling Kit Required: YES Ship on: 05-MAY-2023
 Sampling Kit Shipped: YES On: 01-MAY-2023
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 15-MAY-2023
 Logged In By: LEBRUN_T On: 18-MAY-2023

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: John Barrington
 Report Notification EMail:
 kalina.warren@dep.state.fl.us; Cheryl.Swanson@dep.state.fl.us; Nicole.Reistad@floridadep.gov; John.Barrington@floridadep.gov; Gary.Snorek@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 toxins, nutrients, chlorophyll,

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 4 Samples:

Bottle Type: PT-50ML	Number of Bottles: 4	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 4 Samples:

Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
W-SAXTN-MS	Template: DEFAULT	(EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS

Bottle Type: P-500ML	Number of Bottles: 4	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: 4	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