

RQ-2024-04-22-56

Login Checklist

Login Station ID: 5

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 5/8/24 @ 9:22

*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	
1.4				18		X			728166304263
2.1				10		X			728166304252
2.8				18		X			728166305970

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 XContainers 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: C.P

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: C.P

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

Yes _____ No _____ NA X Init: C.P

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

Coolers Unpacked/Checked by: C.P

Date: 5/8/24

Event contains NCRs (Y/N)? N

Event ID: SE-DIST-2024-05-08-03 (BLOOM-RESP)

Date Received: 08-MAY-2024 09:22

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 10/16/24
pH Test Strips 0 – 6	223819av 03/15/2024
pH Paper 0 – 3	NA
pH Paper 0 – 13	210820 3/15/2024
Chlorine Test Strips	2313 07/2025

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 (2023-06-12 v1)

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

RQ - 2024-04-22-56		Collected By:		Natalie Howard, Drew Liddick						
Customer:	21FLWPB	Field Report Prepared By:		Drew Liddick						
Project ID:	BLOOM_RESP	Sampling Agency:		SEROC						
Location: St. Lucie River - Harborage			Comments:							
Field ID: SEHAB0115			Coordinates:	27.21148, -80.25959						
WIN Secondary Resource Type: Estuary			Collection Equip:	WaterBottle						
WIN ID: SEHAB0115			High Tide Time:	Low Tide Time:						
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)
05/07/2024	13:20	116.1	7.87	28.7	7.84	0.3	0.35	0.35	37745	23.84
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	C		
Toxins (P-125/BG-250)	☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN			☒ Ice			1	B		
Physical/Aggregate	☒ W-COLOR			☒ Ice			1	C		
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice	☒ H2SO4	☒ <2	1	C		
	SA3340020			12/11/2024						
Filtered Nutrients (P125mL)	☒ W-PO4-F			☒ Field Filtered 0.45µm Filter		☒ Ice	1	C		
	Filter Lot # 17347262									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice	☐ Lugols					
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
Drew Liddick	05/07/2024 16:30	3		C. L		5-8-24 / 9:22				



Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

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RQ - 2024-04-22-56		Collected By:		Drew Liddick, Natalie Howard						
Customer:	21FLWPB	Field Report Prepared By:		Drew Liddick						
Project ID:	BLOOM_RESP	Sampling Agency:		SERO						
Location: St. Lucie Canal - 96th Street Bridge				Comments:						
Field ID: SEHAB0111				Coordinates: 27.08805, -80.30251						
WIN Secondary Resource Type: Canal				Collection Equip: WaterBottle						
WIN ID: SEHAB0111				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)
05/07/2024	09:55	87	6.85	27.6	7.83	0.3	0.68	0.68	743	0.36
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	C
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	C
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP SA3340020				☒ Ice ☒ H2SO4		☒ <2	1	C
		Acid Lot:		Exp:		12/11/2024				
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	C
				Filter Lot # 17347262						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Drew Liddick		05/07/2024 16:30		3		C. R		5-8-24 / 9-22		



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RQ - 2024-04-22-56		Collected By:		Natalie Howard, Drew Liddick						
Customer:	21FLWPB	Field Report Prepared By:		Drew Liddick						
Project ID:	BLOOM_RESP	Sampling Agency:		SEROG						
Location: St. Lucie River - at Palm City Bridge				Comments:						
Field ID: SEHAB0113				Coordinates: 27.17285, -80.26425						
WIN Secondary Resource Type: Estuary				Collection Equip: WaterBottle						
WIN ID: SEHAB0113				High Tide Time: Low Tide Time:						
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 (PPTH)
05/07/2024	13:10	99.4	6.65	30.8	7.65	0.13	0.26	0.26	31951	19.78
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	C	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN		☒ Ice				1	B	
Physical/Aggregate		☒ W-COLOR		☒ Ice				1	C	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP SA3340020		☒ Ice ☒ H2SO4 ☒ <2				1	C	
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F ☒ Field Filtered 0.45um Filter		☒ Ice				1	C	
		Filter Lot # 2298556								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols						
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Drew Liddick		05/07/2024 16:30		3		C-9		5-8-24 / 9, 11		



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RQ - 2024-04-22-56		Collected By:		Drew Liddick, Natalie Howard						
Customer:	21FLWPB	Field Report Prepared By:		Drew Liddick						
Project ID:	BLOOM_RESP	Sampling Agency:		SEROC						
Location: Lake Okeechobee - S308C (lakeside)				Comments:						
Field ID: SEHAB0062				Coordinates: 26.98473, -80.62159						
WIN Secondary Resource Type: Lake				Collection Equip: WaterBottle						
WIN ID: SEHAB0062				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 (PPTth)
05/07/2024	09:10	79	6.4	26.3	8.39	0.3	3.33	0.4	426.5	0.2
	09:10	72.7	5.87	26.2	8.28	2.7			427.1	0.2
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	C		
Toxins (P-125/BG-250)	☒ W-MCYST-AA ☐ W-SAXTN-MS ☐ OV-TOXN			☒ Ice			1	B		
Physical/Aggregate	☒ W-COLOR			☒ Ice			1	C		
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice ☒ H2SO4 ☒ <2			1	C		
	SA3340020			12/11/24						
	Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F			☒ Field Filtered 0.45um Filter		☒ Ice	1	C		
	Filter Lot # 1734762									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice		☐ Lugols				
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
Drew Liddick	05/07/2024 16:30	3		C. P		5-22-24 / 9:22				



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RQ - 2024-04-22-56		Collected By:		Natalie Howard, Drew Liddick						
Customer:	21FLWPB	Field Report Prepared By:		Drew Liddick						
Project ID:	BLOOM_RESP	Sampling Agency:		SERO						
Location: St. Lucie River - at Four Rivers			Comments:							
Field ID: SEHAB0112			Coordinates: 27.13947, -80.26252							
WIN Secondary Resource Type: Estuary			Collection Equip: WaterBottle							
WIN ID: SEHAB0112			High Tide Time:		Low Tide Time:					
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)
05/07/2024	12:15	95	6.81	29.6	7.65	0.25	0.57	0.57	17503	10.26
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 (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID		☒ Ice				1		A
Chlorophyll (BP-1L)		☒ CHLSUITE-W		☒ Ice				1		C
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN		☒ Ice				1		B
Physical/Aggregate		☒ W-COLOR		☒ Ice				1		C
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4 ☒ <2				1		C
		SA3340020		12/11/2024						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice		1		C
		Filter Lot # 17347262								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice		☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Drew Liddick		05/07/2024 16:30		3		C. L		5-8-24 / 9:22		



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RQ - 2024-04-22-56		Collected By:		Natalie Howard, Drew_Liddick						
Customer: 21FLWPB		Field Report Prepared By:		Drew Liddick						
Project ID: BLOOM_RESP		Sampling Agency:		SEROCC						
Location: C44 canal - S308C (canal side)				Comments:						
Field ID: SEHAB0063				Coordinates: 26.98515, -80.62070						
WIN Secondary Resource Type: Canal				Collection Equip: WaterBottle						
WIN ID: SEHAB0063				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)
05/07/2024	09:00	96.8	7.72	27	8.32	0.3	2.19	0.4	442.9	0.21
	09:00									
	09:00	91.5	7.29	26.9	8.22	1.6			443.4	0.21
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	C
Toxins (P-125/BG-250)	☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN					☒ Ice			1	B
Physical/Aggregate	☒ W-COLOR					☒ Ice			1	C
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP					☒ Ice ☒ H2SO4		☒ <2	1	C
	SA3340020 Acid Lot:					Exp:				
Filtered Nutrients (P125mL)	☒ W-PO4-F					☒ Field Filtered 0.45µm Filter		☒ Ice	1	C
	Filter Lot # 17347262									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C					☐ Ice ☐ Lugols				
Relinquished By:	Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
Drew Liddick	05/07/2024 16:30		3			C. P.		5-8-24 / 9:22		



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RQ - 2024-04-22-56		Collected By:		Natalie Howard, Drew_Liddick							
Customer: 21FLWPB		Field Report Prepared By:		Drew Liddick							
Project ID: BLOOM_RESP		Sampling Agency:		SEROCC							
Location: St. Lucie Canal - Army Corps Campground				Comments:							
Field ID: SEHAB0116				Coordinates: 27.11013, -80.28569							
WIN Secondary Resource Type: Canal				Collection Equip: WaterBottle							
WIN ID: SEHAB0116				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)	
05/07/2024	10:45	82.6	6.51	27.5	7.87	0.3	1.98	0.7	802	0.39	
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	C	
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Physical/Aggregate		☒ W-COLOR				☒ Ice			1	C	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☒ H2SO4 ☒ <2			1	C	
		SA3340020		12/11/2024							
		Acid Lot:		Exp:							
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	C	
		Filter Lot #		17347262							
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols					
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
Drew Liddick		05/07/2024 16:30		3		C. P		5-8-24 / 9:22			



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RQ - 2024-04-22-56		Collected By:		Natalie Howard, Drew_Liddick						
Customer:	21FLWPB	Field Report Prepared By:		Drew Liddick						
Project ID:	BLOOM_RESP	Sampling Agency:		SEROC						
Location: St. Lucie River - Harborage			Comments: 05/07/2024 13:25 ET DI Source: Lab DI Location: UF/IFAS Container ID/Type: Alex / Carboy							
Field ID: FB_05072024			Coordinates:							
WIN Secondary Resource Type:			Collection Equip:							
WIN ID:			High Tide Time:		Low Tide Time:					
Matrix:	Field Blank	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)
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						
Chlorophyll (BP-1L)	☐ CHLSUITE-W			☐ Ice						
Toxins (P-125/BG-250)	☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN			☒ Ice			1	B		
Physical/Aggregate	☒ W-COLOR			☐ Ice			1	C		
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☐ Ice ☒ H2SO4		☐ <2	1	C		
	SA3340020 Acid Lot:			Exp:		12/11/2024				
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice		1	C		
			Filter Lot # 17347262							
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice ☐ Lugols						
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
Drew Liddick	05/07/2024 16:30	3								

Date of Request: 08-APR-2024
Created By: SKAGGS_J On: 08-APR-2024
Modified By: JASROTIA_P On: 09-APR-2024
Customer: SE-DIST
Project: BLOOM-RESP
Division:
District: Southeast District
Event Description: Algal Bloom Response - SE ROC

Send Coolers To:

Phone: (772) 380-5572
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Jordan Skaggs
Cooler Ship EMail: jordan.skaggs@floridadep.gov

Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 09-APR-2024
Biology Request Reviewed By: JASROTIA_P On: 09-APR-2024
Sampling Kit Required: YES Ship on: 15-APR-2024
Sampling Kit Shipped: YES On: 15-APR-2024
Sampling Kit Packed By: PENDLETO_C
Preservatives Needed: YES
Date to Receive Samples: 26-APR-2024
Logged In By: PENDLETO_C On: 03-MAY-2024

Send Final Report To:

FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Andrew Luering
Report Notification EMail:
jordan.skaggs@floridadep.gov;andrew.luering@floridadep.gov

Comments: **Please send:
-4 full-size coolers
-4 extra Fedex labels
-2 boxes Nitric acid
-2 boxes Sulfuric acid

LOG-IN STAFF: Please print two copies of algal job labels at login.

Bottle Group A - Priority 1 for algal dominant taxon.

Bottle Group B - Priority 1 for toxin testing.

Bottle Group C - Priority 3 (nutrients); Priority 4 (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.

Bottle Group A (Biological) With 15 Samples:

Bottle Type: PT-50ML Number of Bottles: 15 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 15 Samples:

Bottle Type: P-125ML Number of Bottles: 15 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 Group C (Water) With 15 Samples:

Bottle Type: BP-1L Number of Bottles: 15 Preserved With: ICE
CHLSUITE-W Template: DEFAULT (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML Number of Bottles: 15 Preserved With: ICE
W-COLOR Template: DEFAULT (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)
Bottle Type: P-500ML Number of Bottles: 15 Preserved With: ICE And H2SO4
W-NH3 Template: DEFAULT (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L

Bottle Group C (Water) With 15 Samples:

Bottle Type: P-500ML		Number of Bottles: 15	Preserved With: ICE And H2SO4
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: 15	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.