

RQ-2024 - 07 - 15 - 52

Shipping Method: ☒ FedEx | ☐ UPS | ☐ HD | ☐ Greyhound

Date/Time of Receipt: 07/11/2024 / 08:30

COOLER CHECK

- 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#** _____

Yes X No

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 _____

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes _____ No X Init: ABS

Chlorine detected? (One container checked per Field ID) Yes _____ No _____ Init: ABS _____

FILTER CHECK? (*Samples filtered in field*) Yes _____ No _____ NA X Init: ABS

If samples are not field-filtered, generate an NCR listing affected sample IDs . NCR# _____

**Acid Preserved Samples: pH < 2.0? Yes X No NA Init: ABS

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

Coolers Unpacked/Checked by: ABS Date: 07/11/2024 Event contains NCRs(Y/N)? N

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Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG#2 EXP:10/16/24
pH Test Strips 0 – 6	LOT#22381BVEXP:8/15/24
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT228323EXP:10/1/26
Chlorine Test Strips	3180A 2026/04

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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 - 2024-07-15-52		Collected By:		Katrin Villinger, Haylee Brown						
Customer:	NE-DIST	Field Report Prepared By:		Haylee Brown						
Project ID:	BLOOM_RESP	Sampling Agency:		NEROC						
Location: Doctors Lake - Mill Cove			Comments:							
Field ID: NEHAB0057			Coordinates: 30.12325, -81.72751							
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle							
WIN ID: NEHAB0057			High Tide Time: 03:22		Low Tide Time: 10:12					
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)
07/09/2024	08:50	64.8	4.62	30.2	7.96	0.3	0.75	0.7	13970	8.01
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 SA3193140		☒ Ice ☒ H2SO4 ☒ <2				1	B	
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter Filter Lot # 0000222915		☒ 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		
Haylee Brown		07/09/2024 16:30		1						



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

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RQ - 2024-07-15-52		Collected By:		Katrin Villinger, Haylee Brown						
Customer:	NE-DIST	Field Report Prepared By:		Haylee Brown						
Project ID:	BLOOM_RESP	Sampling Agency:		NEROC						
Location: Doctors Lake - Wyndegate Dr			Comments:							
Field ID: NEHAB0117			Coordinates:	30.15458, -81.71601						
WIN Secondary Resource Type: Lake			Collection Equip:	WaterBottle						
WIN ID: NEHAB0117			High Tide Time:	03:22	Low Tide Time: 10:12					
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)
07/09/2024	09:20	91	6.53	30.9	7.77	0.3	1.47	0.7	12912	7.36
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	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		
	SA3340020			12/11/2024						
	Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F			☒ Field Filtered 0.45µm Filter		☒ Ice	1	B		
				Filter Lot # 0000222915						
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice	☐ Lugols					
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
Haylee Brown	07/09/2024 09:22	1								

Date of Request: 25-JUN-2024
Created By: VILLINGE_K On: 25-JUN-2024
Modified By: JASROTIA_P On: 26-JUN-2024
Customer: NE-DIST
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District: Northeast District
Event Description: Algae Bloom Response NEROC-as needed

Send Coolers To:

Phone: 904-807-3300
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Katrin Villinger
Cooler Ship EMail: Katrin.villinger@floridadep.gov

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 26-JUN-2024
Biology Request Reviewed By: JASROTIA_P On: 26-JUN-2024
Sampling Kit Required: YES Ship on: 08-JUL-2024
Sampling Kit Shipped: YES On: 01-JUL-2024
Sampling Kit Packed By: MCCOY_I
Preservatives Needed: NO
Date to Receive Samples: 15-JUL-2024
Logged In By: SHAIK_A On: 11-JUL-2024

Send Final Report To:

8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Katrin Villinger
Report Notification EMail: Katrin.Villinger@floridadep.gov

Comments:

Bottle Group A – For algal dominant taxon.
Bottle Group B – For toxins, nutrients, and chlorophyll
Bottle Group C - Field Blank for Toxins and Nutrients

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 10 Samples:

Bottle Type: PT-50ML Number of Bottles: 10 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 10 Samples:

Bottle Type: BP-1L Number of Bottles: 10 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: 10 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-125ML Number of Bottles: 10 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: 10 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: 10 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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-125ML Number of Bottles: 1 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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML	Number of Bottles: 1	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-125ML	Number of Bottles: 1	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: 1	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

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