

RQ- 2019-08-05.47

Log-in Checklist

Login Station ID: #5Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 12/ 3 /19 @ 10:10

Cooler Temperature*	Samples Frozen YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
<u>1.7</u>				<u>12</u>		☒			<u>1278 4009 4811</u>

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☒

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

CONTAINER CHECK

Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: WK

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

Acid Preserved Samples: pH ≤ 2.0? Yes ☐ No ☐ NA ☒ Init: WKW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: WKCoolers Unpacked/Checked by: KK Date: 12/ 3 /19NCRs (Y/N)? NEvent ID: Algal Bloom Response - as needed
WQAP-2019-12-03-02 (BLOOM-RESP)
Date Received: 03-DEC-2019 10:10NCR #

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_07_2018 EXP:12/28/19
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	215517 EXP:6/1/20
Chlorine Test Strips Lot #	091417V EXP:9/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

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

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

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: _____



Cyanobacteria Bloom Response Field Data Sheet (2019-11-26 v9)

RQ- 2019-08-05-47		Collected By: Kelby Callahan								
Customer:	FDEP SW ROC	Field Report Prepared By:	Sarah Meyer							
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP SW ROC							
Field ID: WIN		Comments:								
HAB-SW-0004 										
Site Name Lake Hunter - Center		Collection Equipment:	Containers							
Matrix:	Surface Water / Fresh	Grab	Coordinates: 28.03520, -81.96540							
Tide:	☐ Rising ☐ Falling ☐ Slack ☒ N/A	High Tide Time:	N/A							
		Low Tide Time:	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 (PPT)	Secchi Disk (m)	Total Depth (m)
12/2/2019	1000	10.28	115.0	21.07	9.32	0.3	138.2	0.06	0.2	1.8
		10.70	120.4	21.22	9.55	1.3	138.7	0.06		
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	
	Lot	SA9203100			Exp:	07/22/2020		☒ <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			1	C	
Relinquished By:	Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
Sarah Meyer	12/02/2019 1500		1			KK		12.3.19 / 10:10		



Cyanobacteria Bloom Response Field Data Sheet [2019-11-26 v3]

RQ- 2019-08-05-47		Collected By:	Kelby Callahan, Sarah Meyer								
Customer:	FDEP SW ROC	Field Report Prepared By:	Sarah Meyer								
Project ID:	BLOOM - RESP	Sampling Agency:	FDEP SW ROC								
Field ID: WIN		Comments: Strong winds & chop									
Site Name Scott Lake - Center		Collection Equipment: Containers									
Matrix:	Surface Water/Fresh	Grab	Coordinates:	27.9655934, -81.9403186							
Tide:	☐ Rising ☐ Falling ☐ Slack ☒ N/A	High Tide Time:	N/A	Low Tide Time:	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 (PPT)	Secchi Disk (m)	Total Depth (m)	
12/2/2019	11 11	8.73	97.9	20.85	—	0.3	200.5	0.09	0.2	3.7	
		6.98	76.8	20.80	7.58	3.2 3.4 SM	275.2 257.0 SM	0.10 Current too strong SM 12/2/2019			
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				
	Lot	SA9203100	Exp:	07/22/2020	☒ <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			1	C				
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:	Date/Time						
Sarah Meyer	12/02/2019 1500	1		KK	12.3.19 / 10:10						

Printed: 12/3/2019 11:03:50 AM

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Date of Request: 16-JUL-2019
 Created By: BEARDEN_M On: 16-JUL-2019
 Modified By: JASROTIA_P On: 18-JUL-2019
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Algal Bloom Response - as needed

Send Coolers To:

Phone: 813-470-5951
 13051 N. Telecom Parkway

 Temple Terrace, FL 33637
 Attn: Matthew Bearden

Program Module Number:

Priority: 1

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 18-JUL-2019

Biology Request Reviewed By: JASROTIA_P On: 18-JUL-2019

Sampling Kit Required: YES Ship on: 26-JUL-2019

Sampling Kit Shipped: YES On: 23-JUL-2019

Sampling Kit Packed By: REAVES_S

Preservatives Needed: NO

Date to Receive Samples: 05-AUG-2019

Received By:

Send Final Report To:

13051 N. Telecom Parkway

 Temple Terrace, FL 33637
 Attn: Matthew Bearden

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

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

Bottle Groups A/B - separate event, priority 1
 Bottle Group C - separate event, priority 12

Bottle Group A - Priority 1
 For algal dominant taxon.

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

Bottle Group C - Priority 12
 For 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.

Bottle Group A (Biological) With 8 Samples:

Bottle Type: PT-50ML Number of Bottles: 8 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 8 Samples:

Bottle Type: BP-1L Number of Bottles: 8 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: 8 Preserved With: ICE
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 8 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: 8 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 8 Samples:

Bottle Type: BP-1L	Number of Bottles: 8	Preserved With: Lugols
DTY-QN-C	Template: DEFAULT	(SOP-AB05_1) No. of diatom taxa of quantitative phytoplankton sample.
PKD-QN-C	Template: DEFAULT	(SOP-AB05) No. of wet taxa of quantitative phytoplankton sample.

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