

Log-in Checklist

RQ- 2020-03-02-76

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/ 11 /20 @ 10:25

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
-0.2				10		✓			1278 4012 3844

* 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: kh

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: kh

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

Coolers Unpacked/Checked by: kh Date: 3/ 11 /20

NCRs (Y/N)? N

Event ID: Lee County Bloom Response
WQAP-2020-03-11-03 (BLOOM-RESP)
 Date Received: 11-MAR-2020 10:25

NCR # ☐

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:	IR TEMP GUN #5 EXP:11-5-20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	208717 EXP:3/31/20
Chlorine Test Strips Lot #	8261 EXP:7/2021

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 (2019-12-16 v4)

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

RQ- <u>RQ-2020-03-02-76</u>		Collected By: <u>Sue Davis</u>								
Customer:		Field Report Prepared By: <u>"</u>								
Project ID:		Sampling Agency: <u>Lee County</u>								
Location: <u>Franklin Locks Upstr.</u>		Comments: <u>Sparse specks visible surface/water column; small patches of wind driven accumulation along locks</u>								
Field ID:		Coordinates: <u>26.72101, -81.69341</u>								
WIN ID:		Collection Equip:								
Matrix: <u>Freshwater</u>		High Tide Time: <u>0454</u> Low Tide Time: <u>1158</u>								
Grab		Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A								
Water Quality										
Date	Time	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)
<u>3/10/2020</u>	☒ EST ☐ CEN	<u>—</u>	<u>8.5</u>	<u>21.2</u>	<u>7.6</u>	<u>0.3</u>	<u>1.3</u>	<u>1.0</u>	<u>615</u>	<u>< 1</u>
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No <u>Sparse</u>										
Water Surface ☒ Clear <u>Specks</u> ☐ Scum ☐ Globs ☐ Slick										
Water Clarity ☐ Clear ☒ Slightly Turbid ☐ Turbid ☐ Opaque										
Bloom Color ☒ Green ☐ Red ☐ Brown ☐ Other: ☐ N/A										
Algae Distribution ☒ Suspended in water column ☒ On surface ☐ Other: ☐ N/A										
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			<u>1</u>	<u>A</u>	
Chlorophyll (BP-1L)	☒ CHLSUITE-W				☒ Ice			<u>1</u>	<u>B</u>	
Toxins (BG-WD250)	☒ W-MCYST-AA				☒ Ice			<u>1</u>	<u>B</u>	
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	<u>1</u>	<u>B</u>	
	Acid Lot: <u>3114100</u>		Exp:					<u>1</u>		
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			<u>1</u>	<u>B</u>	
Filter Lot # <u>R8 CA37699</u>										
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C				☒ Ice		Lugols? <u>Y/N</u>			
Relinquished By:	Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
<u>Sue Davis</u>	<u>3/10/2020</u> <u>@ 1430</u>		<u>1</u>		<u>KH</u>		<u>3-11-20 11025</u>			



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

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

RQ-2020-03-02-76		Collected By: Sue Davis								
Customer:		Field Report Prepared By: "								
Project ID:		Sampling Agency: Lee County								
Location: Alva Boat Ramp		Comments: specks visible surface/water column No accumulation or streaks								
Field ID:		Coordinates: 26.71394, -81.60612								
		Collection Equip:								
WIN ID:		High Tide Time: 0454	Low Tide Time: 1158							
Matrix: Freshwaters	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)
3/10/2020	0835	-	7.9	21.3	7.6	0.3	1.0	1.0	596	<1
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No <i>Sparse</i>										
Water Surface	☒ Clear/specks	☐ Scum	☐ Globs	☐ Slick						
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☒ Green	☐ Red	☐ Brown	Other: _____	☐ N/A					
Algae Distribution	☒ Suspended in water column	☒ On surface	Other: _____	☐ N/A						
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 5 B				
	Acid Lot:	3114100	Exp:							
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice		1	B				
	Filter Lot # R8CA37699									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☒ Ice	Lugols? Y ☒ N						
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:	Date/Time					
Sue Davis	3/10/2020 @ 1430	1		AK	3-11-20 / 1025					

Date of Request: 26-FEB-2020
 Created By: RANKIN_A On: 26-FEB-2020
 Modified By: SWANSON_C On: 26-FEB-2020
 Customer: WQAP
 Project: BLOOM-RESP
 Division:
 District:
 Sampling Event: Lee County Bloom Response

Send Coolers To:

Phone: 239-533-8600
 Lee County Environmental Lab
 60-2 Danley Drive
 Fort Meyers, FL 33907
 Attn: Sue Davis

Send Final Report To:

60-2 Danley Drive

 Fort Meyers, FL 33907
 Attn: Sue Davis; Gary Snorek; John Barrington

Program Module Number:

Priority: 1
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-FEB-2020
 Biology Request Reviewed By: SWANSON_C On: 26-FEB-2020
 Sampling Kit Required: YES Ship on: 28-FEB-2020
 Sampling Kit Shipped: YES On: 27-FEB-2020
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 02-MAR-2020
 Received By:

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Please send 1 kit per 24 qt cooler.

Need 6 - 24qt coolers.

Bottle Group A-Priority 1
 For algal dominant taxon.

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

Please print two copies of algal job labels at login.

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. All bottles do not have to be filled at one time and can be spread among different sampling days and weeks. Samplers should use professional judgement to collect samples representative of waterbody conditions.

Bottle Group A (Biological) With 6 Samples:

Bottle Type: PT-50ML Number of Bottles: 6 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 6 Samples:

Bottle Type: BP-1L Number of Bottles: 6 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: 6 Preserved With: ICE
 W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
 Bottle Type: P-500ML Number of Bottles: 6 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: 6 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.