

RQ-2021-04-19-55

Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 05/20/2021 @ 10:40

*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	
1.2°C				12		X			9293 8012 2603

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# 8845

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No _____

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

Yes _____ No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA ☒

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ☒ No _____

Caps on tight?

Yes ☒ No _____

Sufficient Sample Volume:

Yes ☒ 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 ☒ Init: TJm

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 ☒ No _____ NA _____ Init: TJm

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

Yes _____ No _____ NA ☒ Init: TJm

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

Coolers Unpacked/Checked by: TJmDate: 05/20/2021 Event contains NCRs (Y/N)? YES

Event ID:

Lee County Bloom Response

WQAP-2021-05-20-02 (BLOOM-RESP)

Page 1 of 2, 06/15/2021 Date Received: 20-MAY-2021 10:10

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/28/2021
pH Test Strips 0 – 6	N/A
pH Paper 0 – 3	N/A
pH Paper 0 – 13	210620 EXP:04/15/2023
Chlorine Test Strips	0261 EXP:05/2023

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# _____

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-2021-04-19-55		Collected By: Sue Davis									
Customer:		Field Report Prepared By:									
Project ID:		Sampling Agency: Lee County									
Location: Alva Boat Ramp		Comments: Heavy algae cover, streaks, small clumps, some accumulation along shore/ramp									
Field ID:		Coordinates: 26.71394, -81.60612									
		Collection Equip:									
WIN ID:		High Tide Time: Low Tide Time:									
Matrix: Freshwater		Tide: ☒ 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)	
5/18/21	0825	78.3	6.13	27.9	7.7	0.3	3.1	0.7	434	0.2	
Bloom Observations											
Algal Bloom Observed? ☒ Yes ☐ No											
Water Surface ☐ Clear ☐ Scum ☒ Globs Small ☐ Slick Streaks											
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	B	
		Acid Lot: 3119020		Exp: 5/21/2022							
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	B	
				Filter Lot # 16989757							
Quantitative Algae		☒ DTY-QN-C / PKD-QN-C				☒ Ice		Lugols? Y/N	1	B	
Relinquished By: Sue Davis		Date/Time: 5/18/2021 @ 1430		Number of Coolers Shipped: 1		Received By:		Date/Time:			



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

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

RQ - 2021-04-19-55		Collected By:	Sue Davis							
Customer:		Field Report Prepared By:								
Project ID:		Sampling Agency:	Lee County							
Location: Davis Boat Ramp		Comments: Algae sur/water column streaks, accumulation, clumps								
Field ID:		Coordinates:	26.71149, -81.75322							
		Collection Equip:								
WIN ID:		High Tide Time:	~ 1155	Low Tide Time: ~ 1436						
Matrix:	Freshwater	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)
5/18/21	0935	116.4	9.1	27.8	8.4	0.3	1.0	0.7	479	0.2
		116.4	9.1							
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Surface	☐ Clear	☒ Scum	☒ Globbs - Some	☒ Slick	More of a slick than scum					
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	
	Acid Lot:		3119020		Exp:		5/21/2022			
Filtered Nutrients (P125mL)	☒ W-P04-F		☒ Field Filtered 0.45µm Filter		☒ Ice			1	B	
			Filter Lot #		16989757			1	B	
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	5/18/2021 @ 1430		1							

Date of Request: 01-APR-2021
 Created By: RANKIN_A On: 01-APR-2021
 Modified By: JASROTIA_P On: 02-APR-2021
 Customer: WQAP
 Project: BLOOM-RESP
 Division:
 District:
 Event Description: Lee County Bloom Response

Send Coolers To:

Phone: 850-245-8416
 2295 Victoria Ave
 Suite 364
 Ft. Myers, FL 33901
 Attn: Kirby Wolfe
 Cooler Ship EMail: kirby.wolfe@floridadep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 01-APR-2021
 Biology Request Reviewed By: JASROTIA_P On: 02-APR-2021
 Sampling Kit Required: YES Ship on: 09-APR-2021
 Sampling Kit Shipped: YES On: 09-APR-2021
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 19-APR-2021
 Logged In By: MCCOY_I On: 14-MAY-2021

Send Final Report To:

2295 Victoria Ave
 Suite 364
 Ft. Myers, FL 33901
 Attn: Kirby Wolfe
 Report Notification EMail:
 kirby.wolfe@floridadep.gov;kalina.warren@dep.state.fl.us;cheryl.
 swanson@floridadep.gov;john.barrington@floridadep.gov;mirand
 a.carroll@floridadep.gov;chase.conley@floridadep.gov;chris.hor
 muth@floridadep.gov

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 toxin testing, nutrients, chlorophyll, 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.

Please print two copies of algal job labels at login.

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: 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.

Bottle Type: BG-250ML-WDMTH Number of Bottles: 8 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: 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

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