Login Checklist

RQ- 2020-07-27-08

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/ 24 /21 @ 9:40

*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	
-0.9				6		✓			1278 4015 4122

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 ✓ 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: KK

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: KK

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

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# 8782

Coolers Unpacked/Checked by: KK **Date:** 2/ 24 /21 **Event contains NCRs (Y/N)?** ~~N~~ Y

Event ID: Algal Bloom Response -SOROC
WQAP-2021-02-24-04 (BLOOM-RESP)
Date Received: 24-FEB-2021 09:40

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	Temp Gun #5 EXP:10/28/2021
pH Test Strips 0 – 6	5/15/21 LOT#213316BV
pH Paper 0 – 3	
pH Paper 0 – 13	231019 EXP:11/01/2022
Chlorine Test Strips	8261 EXP:07/2021

Additional Comments:

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: _____

Request Number: RQ-2020-07-27-08

Algal Bloom Response -SOROC

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Kirby Wolfe

Collected By: J.D. Foster

Field Report Prepared By: J.D. Foster

Sampling Agency: Highlands County NR

Location: PeachTree Drive CaNAL	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 2/23/21 Time 10:00 AM	(Eastern) Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Matrix (type, e.g., Salt, Fresh, etc): Fresh		Diss. Oxygen 84.5 ☐ mg/L ☑ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C): 21.6	pH: 8.05	Sample Depth 1.17 ☑ ft ☐ m	Sp. Conductance (umho/cm): 168.2	
Latitude: 27°19'48.93"N ☐ dd ☐ dms / Longitude: 81°25'0.02"W ☐ dd ☐ dms	Salinity (ppt)	Comments			

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J.D.F.	2/23/21 / 12:30 Pm	FedEx over Night		KK	2.24.21 / 0940

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

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

RQ - 2020-07-27-08		Collected By:	J. D. Foster
Customer:		Field Report Prepared By:	J. D. Foster
Project ID:		Sampling Agency:	Highlands County NR Dept
Location: Peach Tree Drive Canal near G-90 Fixed S.		Comments: Acid Expired 5/09/20	
Field ID:		Coordinates:	27°19'48.93"N 81°25'0.00"W
		Collection Equip:	
WIN ID:		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)
2/23/21	10:00 Am	84.5	7.45	21.6	8.05	1.17 ft	9.5 ft	4.5 ft	168.2	—

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: Green/Brown	☐ 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	
Chlorophyll (BP-1L)	☑ CHLSUITE-W	☑ Ice		1	
Toxins (BG-WD250)	☑ W-MCYST-AA	☑ Ice		1	
Preserved Nutrients (500mL HDPE)	☑ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☑ Ice ☑ H2SO4	☐ <2	1	
	Acid Lot: SA9129100	Exp: 5/09/20			
Filtered Nutrients (P125mL)	☑ W-PO4-F	☑ Field Filtered 0.45um Filter; Filter Lot #: ☑ Ice		1	
Quantitative Algae	☑ DTY-QN-C / PKD-QN-C	☑ Ice; Lugols? Y / (N)		1	

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
J. D. F.	2/23/21 12:30 Pm	1	KR	2-24-21/0940

RQ-2020-07-27-08

Date of Request: 30-JUN-2020
Created By: WOLFE_K On: 30-JUN-2020
Modified By: JASROTIA_P On: 09-JUL-2020
Customer: WQAP
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District: SROC
Event Description: Algal Bloom Response -SOROC

Send Coolers To:

Phone: 863-402-6545
4344 George Blvd
Road and Bridge Department
Sebring, FL 33875
Attn: JD Foster
Cooler Ship EMail: jfoster@highlandsfl.gov

Priority: 1
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 09-JUL-2020
Biology Request Reviewed By: JASROTIA_P On: 09-JUL-2020
Sampling Kit Required: YES Ship on: 24-JUL-2020
Sampling Kit Shipped: YES On: 20-JUL-2020
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 27-JUL-2020
Logged In By:

Send Final Report To:

2295 Victoria AVE
Suite 364
Fort Myers, FL 33901
Attn: Kirby Wolfe
Report Notification EMail:
kirby.wolfe@dep.state.fl.us;kalina.warren@dep.state.fl.us;Cheryl.Swanson@dep.state.fl.us;;Nicole.Reistad@floridadep.gov;John.Barrington@floridadep.gov;Gary.Snorek@dep.state.fl.us

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.

Please print two copies of algal job labels at login

Bottle Group A (Biological) With 2 Samples:

Bottle Type: PT-50ML Number of Bottles: 2 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 2 Samples:

Bottle Type: BP-1L Number of Bottles: 2 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: 2 Preserved With: ICE
W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML Number of Bottles: 2 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

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: ICE And H2SO4

W-TKN Template: DEFAULT (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 2 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 2 Samples:

Bottle Type: BP-1L Number of Bottles: 2 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.