

Login Checklist

RQ- 2022-05-16-49

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 5/18/22 @ 9:45

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		YES	HNO ₃		Formalin	Present?		*Intact?	
	Yes					No	Yes	No	
-0.3				10		✓			5225 5546 8554

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: SR

**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# _____

Coolers Unpacked/Checked by: KK/SR

Date: 5/18/22

Event contains NCRs (Y/N)? N

Event ID: Algal Bloom Response -SOROC- Highland

— WQAP-2022-05-18-01 (BLOOM-RESP)

— Date Received: 18-MAY-2022 09:45

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
pH Test Strips 0 – 6	Lot#223819 EXP:8-30-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 EXP:3-15-24
Chlorine Test Strips	Lot#0070 EXP:2-23

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: _____

Central Laboratory Submittal Form

Customer: WQAP

Requester: Kirby Wolfe

Field Report Prepared By:

J. Foster

Project ID: BLOOM-RESP

Collected By:

S. Erikson, J. Foster

Sampling Agency:

HCNC

Location West Josephine Basin		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-17-22 Time 0830	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID HqB-HC-051722-0830 (1)		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.59	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) 26.1	pH 6.81	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 108.4
Latitude 27 24 17 N	☒ dd ☐ dms	Longitude 81 27 09 W	☒ dd ☐ dms	Salinity (ppt)	Comments High Density	
Location West Josephine Basin		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-17-22 Time 0850	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID HqB-HC-051722-0850 (2)		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.35	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) 26.7	pH 6.63	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 108.9
Latitude 27 23 46 N	☒ dd ☐ dms	Longitude 81 27 06 W	☒ dd ☐ dms	Salinity (ppt)	Comments High Density	
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: J.D.F.	Date/Time 1200 5-17-22	Shipping Method Fed ex	Number of Coolers Shipped: 1	Received By: KH	Date/Time 5-18-22 / 0945
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
BLOOM-ID							
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W							
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
W-MCYST-AA							
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
W-PO4-F							

Extra Form -kh



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

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

RQ - 2022-05-16-49

Collected By: SAM ERIKSEN

Customer:

Field Report Prepared By: J.D. Foster

Project ID:

Sampling Agency: N.R.H.C.

Location: Josephine (West Basin)

Comments: (High Density Both locations)

Field ID:

Coordinates: 27 2346 N 81 2706 W (2)

HAB-HC - 051722 - 0830 (1)
HAB-HC - 051722 - 0850 (2)

Coordinates: 27 2417 N 81 2709 W (1)

WIN ID:

Collection Equip: Syringe, Filters

High Tide Time:

Low Tide Time:

Matrix:

Fresh

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)
05-17-22	☒ EST ☐ CEN									
5-17-22	0830	93.8	7.59	26.1	6.91	3M	6.5ft	1.75ft	108.4	—
5-17-22	0850	91.8	7.35	26.7	6.63	3m	5.9ft	1.75ft	108.9	—

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: ☐ N/A

Algae Distribution ☒ Suspended in water column ☒ On surface ☐ Other: ☐ N/A

Water Odors ☐ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☒ Other: earthy

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		2	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		2	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		2	B
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4 ☐ <2		2	B
Preserved Nutrients (500mL HDPE)	Acid Lot: H2SO4 LOT# SA1308030 EXP: 12/01/2022	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter Filter Lot #	☒ Ice		2	B
Quantitative Algae Relinquished By:	☐ DTY-QN-C / PKD-QN-C Date/Time	☐ Ice Number of Coolers Shipped	Lugols? Y / N Received By:	Date/Time	

J.D. Foster 12:00
5-17-22

1

Date of Request: 29-APR-2022
 Created By: WOLFE_K On: 29-APR-2022
 Modified By: JASROTIA_P On: 03-MAY-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SROC
 Event Description: Algal Bloom Response -SOROC- Highlands

Send Coolers To:

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

Priority: 1
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 03-MAY-2022
 Biology Request Reviewed By: JASROTIA_P On: 03-MAY-2022
 Sampling Kit Required: YES Ship on: 13-MAY-2022
 Sampling Kit Shipped: YES On: 11-MAY-2022
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 16-MAY-2022
 Logged In By:

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Report Notification EMail:
 kirby.wolfe@floridadep.gov; kalina.warren@dep.state.fl.us; Cheryl.
 Swanson@floridadep.gov; Nicole.Reistad@floridadep.gov; John.B
 arrington@floridadep.gov; gary.snorek@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 toxins, nutrients, chlorophyll,

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
 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

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