

Login Checklist

RQ-2020-12-07-65

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 12/17/2020 @ 12:45

*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	
1.9°C				20		X			9293 8008 4951

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: TJW

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: TJW

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

Yes ☐ No ☐ NA ☒ Init: TJW

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

Coolers Unpacked/Checked by: TJW

Date: 12/17/2020

Event contains NCRs (Y/N)? None

Event ID: Algal Bloom Response - CEROC
WQAP-2020-12-17-01 (BLOOM-RESP)

Date Received: 17-DEC-2020 12:45

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	231019 EXP:11/01/2022
Chlorine Test Strips	8261 EXP:07/2021

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 - 2020 - 12-07-65

Customer: WQAP

Project ID: BLOOM-RESP

Location:

Collected By:

Field Report

Prepared By:

Sampling Agency: 21FLCEN - CEROC

Comments:

*DTY-QN-C/PKD-QN-C (Quantitative Algae)
Sent to FWRI Lab

Coordinates:

Collection Equip: Sample Containers/syringe/pole

High Tide Time:

Low Tide Time: 07:13

Field ID: HABCE0051_IRLFishKill1

Win ID: HABCE0051

IRL @ Cocoa Village Marina

Matrix: Marine

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)
12/16/20	10:20	181.2	15.36	18.7	8.74	0.3	0.6	0.6	26321	16.15
							(V06)			

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:

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

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4

☒ <2

1

B

Preserved Nutrients
(500mL HDPE)

Acid Lot:

112544

Exp:

12/20/20

Filtered Nutrients
(P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter
Filter Lot # 9149785

☒ Ice

1

B

*Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? Y ☒ N

1

B

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

V. Schwartz 12/16/20 16:00

1

LIMS EVENT ID: WQAP-2020-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:



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

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

RQ - 2020 - 12-07-65

Customer: WQAP

Project ID: BLOOM-RESP

Location:

Collected By:

Field Report

Prepared By:

Sampling Agency: 21FLCEN - CEROC

Comments:

*DTY-QN-C / PKD-QN-C Bottle sent to FwRI Lab

Coordinates: (28.38228, -80.73681)

Collection Equip: Sample containers / syringe

High Tide Time: 12:57 Low Tide Time: 07:13

Field ID: HABCE0052_IRLFishKill2

Win ID: HABCE0052

IRL @ N of Magnolia Point

WIN ID:

Matrix: Marine

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)
12/16/20	10:45	211.2	17.74	19.3	8.85	0.2	0.4	0.4	26180	16.05
							(vob)			

Bloom Observations

Algal Bloom Observed? ☐ Yes ☒ No

Water Surface ☒ Clear ☐ Scum

Water Clarity ☐ Clear ☐ Slightly Turbid ☒ Turbid

Bloom Color ☐ Green ☐ Red

Algae Distribution ☐ Suspended in water column

Water Odors ☒ Normal ☐ Sewage

☐ Globs ☐ Slick

☐ Opaque

☐ Brown

☐ On surface

☐ Petroleum

☐ Other: _____

☐ Other: _____

☐ Chemical

☐ Other: _____

☐ N/A

☐ N/A

Parameter Suite

Parameter Methods

Preservation

pH
Check

#Bottles
Sent to
Lab

Bottle
Group

Bloom ID (PT-50mL)

Chlorophyll (BP-1L)

Toxins (BG-WD250)

☒ BLOOM-ID

☒ CHLSUITE-W

☒ W-MCYST-AA

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ Ice

☒ Ice

☒ Ice

☒ H2SO4

☒ <2

1

1

1

1

A

B

B

B

Preserved Nutrients
(500mL HDPE)

Acid Lot: 112544

Exp: 12/20/20

Filtered Nutrients
(P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter
Filter Lot # 9149785

☒ Ice

1

1

B

B

* Quantitative Algae

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

V. Schwartz 12/16/20 16:00

1

LIMS EVENT ID: WQAP-2020-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:



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

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

RQ - 2020 - 12-07-65

Customer: WQAP

Project ID: BLOOM-RESP

Location:

Field ID: HABCE0053_IRLFishKill3

Win ID: HABCE0053

IRL @ 528 Bridge N

Collected By:

Field Report

Prepared By:

Sampling Agency: 21FLCEN - CEROC

Comments:

* DTY-QN-C / PKD-QN-C bottle
sent to FWRI Lab

Coordinates: (28.40201, -80.74357)

Collection Equip: Sample bottles / syringe

High Tide Time: 12:57 Low Tide Time: 07:13

WIN ID:

Matrix: Marine

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)
12/16/20	11:28	209.3	17.68	19.0	8.88	0.25 (vob)	0.5	0.5	26222	16.08

Bloom Observations

Algal Bloom Observed? ☐ Yes ☒ No

Water Surface ☒ Clear ☐ Scum

☐ Globbs ☐ 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

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4

☒ <2

1

B

Preserved Nutrients
(500mL HDPE)

Acid Lot:

112544

Exp:

12/20/20

Filtered Nutrients
(P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter

☒ Ice

1

B

Filter Lot # 9149785

* Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? Y/N ☒ N

1

B

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

V. Schwartz 12/16/20

1

LIMS EVENT ID: WQAP-2020-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:



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

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

RQ - 2020 - 12-07-65

Collected By:

Leif Boman / Victoria Schwartz

Customer: WQAP

Field Report

Prepared By:

Victoria Schwartz

Project ID: BLOOM-RESP

Sampling Agency: 21FLCEN - CEROC

Location:

Comments:

* DTY-QN-C / PKD-QN-C bottle
Sent to FWR1 Lab

Field ID: HABCE0054_IRLFishKill4

Win ID: HABCE0054

IRL @ 528 Bridge S

Coordinates:

(28.400095, -80.744588)

Collection Equip:

Sample Containers / syringe / pole

High Tide Time:

12:57

Low Tide Time:

07:13

Matrix:

Marine

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)
12/16/20	11:10	130.7	10.88	19.6	8.82	0.25	0.5	0.5	25963	15.90
								(VDB)		

Bloom Observations

Algal Bloom Observed?

☐ Yes

☒ No

Water Surface

☒ Clear

☐ Scum

☐ Glob

☐ 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

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4

☒ <2

1

B

Preserved Nutrients
(500mL HDPE)

Acid Lot:

112544

Exp:

12/20/20

Filtered Nutrients
(P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter

☒ Ice

1

B

Filter Lot # 9149785

* Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? Y / ☒ N

1

B

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

V. Schwartz 12/16/20 16:00

1

LIMS EVENT ID: WQAP-2020-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

(Initials/Date)

QC Station ID, Field Parameters in LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

Date of Request: 01-DEC-2020
 Created By: WATTS_J On: 01-DEC-2020
 Modified By: JASROTIA_P On: 01-DEC-2020
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Central
 Event Description: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4178
 3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Natalie Ayala
 Cooler Ship EMail: natalie.ayala@FloridaDep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 01-DEC-2020
 Biology Request Reviewed By: JASROTIA_P On: 01-DEC-2020
 Sampling Kit Required: YES Ship on: 04-DEC-2020
 Sampling Kit Shipped: YES On: 01-DEC-2020
 Sampling Kit Packed By: AYRES_J
 Preservatives Needed: NO
 Date to Receive Samples: 07-DEC-2020
 Logged In By: REYNOLDS_T On: 17-DEC-2020

Send Final Report To:

3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Natalie Ayala
 Report Notification EMail:
 Natalie.Ayala@FloridaDEP.gov;david.d.whiting@dep.state.fl.us

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.