

RQ-2020-10-12-31(10)
RQ-2020-10-12-32(5)
RQ-2020-10-19-42(5)

Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/02/2020 @ 10:05

*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	
0.8 °C				20		X			9293 8007 8132

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 °C (above 10.0 °C 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: Jylurp

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: Jylurp

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

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

Coolers Unpacked/Checked by: Jylurp Date: 12/02/2020 Event contains NCRs (Y/N)? None

Event ID: Algal Bloom Response - CEROC
WQAP-2020-12-02-01 (BLOOM-RESP)

Date Received: 02-DEC-2020 10:05

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

Do failed post cal

RQ - 2020 - 10-12-31

Collected By:

Leif Roman, Katie March

Customer: WQAP

Field Report

Prepared By:

Katie March

Project ID: BLOOM-RESP

Sampling Agency: 21FLCEN - CEROC

Location:

Comments:

Site 3

Field ID: HABCE0053_IRLFishKill3

*Lots of dead fish & stingrays.
Winward side of bridge.*

Win ID: HABCE0053

Coordinates: *28.40201, -80.74357*

IRL @ 528 Bridge N

Collection Equip:

water bottle, pole

High Tide Time:

805 A

Low Tide Time: *220 P*

WIN ID: *HABCE0053*

Matrix:

maine

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)
12/1/20	1303	79.0	6.61	19.4	7.65	0.20	0.469	0.469 (S)	26542	16.30

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: *fish*

Parameter Suite

Parameter Methods

Preservation

pH
Check

#Bottles
Sent to
Lab

Bottle
Group

Bloom ID (PT-50mL)

☒ BLOOM-ID

☒ Ice

Chlorophyll (BP-1L)

☒ CHLSUITE-W

☒ Ice

Toxins (BG-WD250)

☒ W-MCYST-AA

☒ Ice

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4

☒ <2

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

Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☐ Ice

Lugols? *Y/N*

Date/Time

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

K March 12/1/20 1600

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:

Sent to FWR



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

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

**DO failed post-cal*

RQ- 2020-10-12-31

Customer: WQAP

Project ID: Bloom-RESP

Collected By:

Field Report

Prepared By:

Sampling Agency:

Leif Romero, Katie March

Katie March

2IFLEEN

Comments:

Site 2

2 dead stingrays noted

Field ID: HABCE0052_IRLFishKill2

Win ID: HABCE0052

IRL @ N of Magnolia Point

Coordinates: *28.38228, -80.73681*

Collection Equip: *water bottle, pole*

High Tide Time: *805 A*

Low Tide Time: *220 P*

WIN ID: *HABCE0052*

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 (PPTH)
<i>12/1/20</i>	<i>1224</i>	<i>57.3</i>	<i>4.73</i>	<i>19.9</i>	<i>7.55</i>	<i>0.311</i>	<i>0.624</i>	<i>0.624(5)</i>	<i>26298</i>	<i>16.13</i>

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: *fish*

Parameter Suite

Parameter Methods

Preservation

pH
Check

#Bottles
Sent to
Lab

Bottle
Group

Bloom ID (PT-50mL)

Chlorophyll (BP-1L)

Toxins (BG-WD250)

Preserved Nutrients
(500mL HDPE)

Filtered Nutrients
(P125mL)

Quantitative Algae

Relinquished By:

☒ BLOOM-ID

☒ CHLSUITE-W

☒ W-MCYST-AA

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

Acid Lot:

112544

Exp:

12/20/20

☒ W-PO4-F

☒ DTY-QN-C / PKD-QN-C

Date/Time

☒ Field Filtered 0.45µm Filter

Filter Lot # *16930280*

Number of Coolers Shipped

1

☒ Ice

☐ Ice

Lugols? *Y/N*

Received By:

Date/Time

K March 12/1/20 1600

Sent to FWRI



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

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

** DO failed post cal*

RQ - 2020-1019-42	Collected By: <i>Leif Roman, Katie March</i>
Customer: <i>WQAP</i>	Field Report Prepared By: <i>Katie March</i>
Project ID: <i>Bloom-Resp</i>	Sampling Agency: <i>2IFLEEN</i>

Comments: *Site 1*

Field ID: HABCE0051_IRLFishKill1

Win ID: HABCE0051

IRL @ Cocoa Village Marina

no apparent bloom, water brown, dead fish

Coordinates: *28.35676, -80.724333*

Collection Equip: *water bottle, pole*

High Tide Time: *805 A* Low Tide Time: *220 P*

WIN ID: *HABCE0051*

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)
<i>12/1/20</i>	<i>1141</i>	<i>34.9</i>	<i>2.85</i>	<i>20.6</i>	<i>7.48</i>	<i>0.315</i>	<i>0.755</i>	<i>0.755_s</i>	<i>26635</i>	<i>16.35</i>

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: <i>Ex foam</i>
Algae Distribution	☐ Suspended in water column	☐ On surface	☐ Other: <i>N/A</i>	☒ N/A
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical
				☒ Other: <i>fish</i>

Parameter Suite

Parameter Methods

Preservation

pH
Check

#Bottles
Sent to
Lab

Bottle
Group

Bloom ID (PT-50mL)

Chlorophyll (BP-1L)

Toxins (BG-WD250)

Preserved Nutrients
(500mL HDPE)

Filtered Nutrients
(P125mL)

Quantitative Algae

Relinquished By:

☒ BLOOM-ID

☒ CHLSUITE-W

☒ W-MCYST-AA

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

Acid Lot: *112544*

Exp: *12/20/20*

☒ W-PO4-F

☒ DTY-QN-C / PKD-QN-C

Date/Time

☒ Field Filtered 0.45µm Filter

Filter Lot #: *16930280*

Number of Coolers Shipped

☒ Ice

☐ Ice

Lugols? *Y/N*

Received By:

Date/Time

*K March 12/1/20
1600*

sent to FWRI



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

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

RQ - 2020 - 10-12-32

Customer: WQAP

Project ID: BLOOM-RESP

Location: -

Field ID: HABCE0054_IRLFishKill4

Win ID: HABCE0054

IRL @ 528 Bridge S

Collected By:

Field Report

Prepared By:

Sampling Agency: 21FLCEN - CEROC

Comments:

site 4
leeward side of bridge
more dead fish & rays
Coordinates: 28.400095 - 80.744588

Collection Equip:

High Tide Time:

Low Tide Time: 2201

WIN ID: HABCE0054

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)
12/1/20	1336	52.8 51.0	4.28 4.14	21.3	7.65	0.3	0.522	0.522 (s)	24907	15.19

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: fish

Parameter Suite

Parameter Methods

Preservation

pH
Check

#Bottles
Sent to
Lab

Bottle
Group

Bloom ID (PT-50mL)

Chlorophyll (BP-1L)

Toxins (BG-WD250)

Preserved Nutrients
(500mL HDPE)

Filtered Nutrients
(P125mL)

Quantitative Algae

Relinquished By:

☒ BLOOM-ID

☒ CHLSUITE-W

☒ W-MCYST-AA

☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

Acid Lot:

112544

Exp:

12/20/20

☒ W-PO4-F

☒ DTY-QN-C / PKD-QN-C

Date/Time

Number of Coolers Shipped

☒ Field Filtered 0.45um Filter

Filter Lot #

9149785

☐ Ice

Lugols? Y/N

Received By:

Date/Time

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:

Sent to FWR

Date of Request: 29-SEP-2020
 Created By: BOMAN_L On: 29-SEP-2020
 Modified By: JASROTIA_P On: 05-OCT-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: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 02-OCT-2020
 Biology Request Reviewed By: JASROTIA_P On: 05-OCT-2020
 Sampling Kit Required: YES Ship on: 09-OCT-2020
 Sampling Kit Shipped: YES On: 08-OCT-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 19-OCT-2020
 Logged In By: REYNOLDS_T On: 02-DEC-2020

Send Final Report To:

3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Natalie Ayala
 Report Notification EMail: Natalie.Ayala@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 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: 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.

Bottle Type: BG-250ML-WDMTH	Number of Bottles: 2	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: 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.