

Klug, Kyle

From: Wolfe, Kirby
Sent: Tuesday, April 13, 2021 12:52 PM
To: Foster, JD; Klug, Kyle
Subject: Re: rq-2021-03-15-20, lake huckleberry canal entrance

Hey Kyle
Use
HAB-HC-041221-001

Kirby Wolfe

Team Lead

SROC - Environmental Assessment & Restoration

FL Department of Environmental Protection

South District Office

2295 Victoria AVE, Suite 364

Fort Myers, FL 33901

Kirby.wolfe@floridadep.gov

Office: (239)344-5719

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Tuesday, April 13, 2021 10:22:56 AM
To: Foster, JD <jfoster@highlandsfl.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RE: rq-2021-03-15-20, lake huckleberry canal entrance

Good morning,

There was no Field ID recorded on the submittal form, am I using Lake Huckleberry as the ID?

Thank you,
Kyle

From: Foster, JD <jfoster@highlandsfl.gov>
Sent: Monday, April 12, 2021 2:46 PM
To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Lab.Receiving <Lab.Receiving@floridadep.gov>
Subject: rq-2021-03-15-20, lake huckleberry canal entrance

Kirby,

Latest sampling data sheet for lake huckleberry canal entrance.

Login Checklist

RQ- 2021-03-15-20

Login Station ID: #5

Shipping Method: KedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/ 13 /21 @ 10:00

*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 3192

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# _____

Coolers Unpacked/Checked by: KK

Date: 4/ 13 /21

Event contains NCRs (Y/N)? N

Algal Bloom Response -SOROC

EventID: WQAP-2021-04-13-02 (BLOOM-RESP)

- Date Received: 13-APR-2021 10:00

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-28-21
pH Test Strips 0 – 6	Lot#213116BV Exp:5-15-21
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

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: _____



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

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

RQ - 2021-03-15-20

Customer:

Project ID:

Location: Lake Huckleberry
Canal Entrance

Collected By:

Field Report

Prepared By:

Sampling Agency:

Comments:

J. D. Foster

J. D. Foster

HCNRD

Field ID:

Coordinates:

Collection Equip:

WIN ID:

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)
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4/12/21	10:00	71.1	6.16	22.0	7.49	.81 FT	4.5	2.0 FT	107.9	—
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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

Chlorophyll (BP-1L)

☒ CHLSUITE-W

☐ Ice

Toxins (BG-WD250)

☒ W-MCYST-AA

☒ Ice

Preserved Nutrients (500mL HDPE)

☐ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP

☒ Ice

☒ H2SO4 ☐ <2

Acid Lot:

H2SO4
LOT# 590353118
EXP: 01/11/2022

Exp:

Filtered Nutrients (P125mL)

☒ W-PO4-F

☒ Field Filtered 0.45µm Filter
Filter Lot #

☒ Ice

Quantitative Algae

☒ DTY-QN-C / PKD-QN-C

☒ Ice

Lugols? Y ☒ N

Relinquished By:

Date/Time

Number of Coolers Shipped

Received By:

Date/Time

J. D. F. 4/12/21 1:00 PM

1

KR

4.13.21/1000

Date of Request: 22-FEB-2021
 Created By: WOLFE_K On: 22-FEB-2021
 Modified By: WATTS_J On: 23-FEB-2021
 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
 Road and Bridge Department
 4344 George Blvd
 Sebring, FL 33875
 Attn: JD Foster
 Cooler Ship EMail: jfoster@highlandsfl.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: JASROTIA_P On: 22-FEB-2021
 Biology Request Reviewed By: JASROTIA_P On: 22-FEB-2021
 Sampling Kit Required: YES Ship on: 05-MAR-2021
 Sampling Kit Shipped: YES On: 01-MAR-2021
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 15-MAR-2021
 Logged In By: REYNOLDS_T On: 30-MAR-2021

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@dep.state.fl.us.gov;Chris.Hornmuth@FloridaDEP.gov;N
 icole.Reistad@floridadep.gov;John.Barrington@floridadep.gov;ga
 ry.snorek@floridadep.gov

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

2 - vials of sulfuric acid

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxins, 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:	(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

Bottle Group B (Water) With 2 Samples:

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.