

Klug, Kyle

From: Whiting, David D.
Sent: Monday, March 1, 2021 3:23 PM
To: Warren, Kalina; Klug, Kyle
Cc: Wellendorf, Nijole; Barrington, John
Subject: RE: RQ-2020-08-31-26 | Late Samples

The toxins would not have degraded in that amount of time. We could at least run it.

Dave

From: Warren, Kalina <Kalina.Warren@dep.state.fl.us>
Sent: Monday, March 1, 2021 3:21 PM
To: Whiting, David D. <David.D.Whiting@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: Wellendorf, Nijole <Nijole.Wellendorf@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Subject: FW: RQ-2020-08-31-26 | Late Samples

David – a HAB sample collected last Thursday by Kirby and Nicole from Sanibel Slough did not make to the lab until today. Should we ask for analysis, or should this sample be tossed out?
Kalina

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Monday, March 1, 2021 2:41 PM
To: Barrington, John <John.Barrington@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>; Warren, Kalina <Kalina.Warren@dep.state.fl.us>
Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: RQ-2020-08-31-26 | Late Samples

Do you want all of the samples to be logged in, including the expired short holds?

From: Barrington, John <John.Barrington@FloridaDEP.gov>
Sent: Monday, March 1, 2021 12:14 PM
To: Watts, John <John.Watts@FloridaDEP.gov>; Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: RQ-2020-08-31-26 | Late Samples

I found a scanned fieldsheet/COC.

Best,
John

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Monday, March 1, 2021 12:05 PM
To: Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>

Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: Re: RQ-2020-08-31-26 | Late Samples

I don't think so, from what Kyle said.

I did not see any paperwork for this site via email or in the cooler, will you please send me the CoC as soon as possible?

Kyle, please confirm if the paperwork was received.

John Watts

From: Warren, Kalina <Kalina.Warren@dep.state.fl.us>
Sent: Monday, March 1, 2021 11:55 AM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Cc: Watts, John <John.Watts@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RE: RQ-2020-08-31-26 | Late Samples

John,

Would you know if paperwork has been emailed to Tally for that HAB sample?

Thank you,
Kalina

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Monday, March 1, 2021 10:57 AM
To: Warren, Kalina <Kalina.Warren@dep.state.fl.us>
Cc: Watts, John <John.Watts@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RQ-2020-08-31-26 | Late Samples
Importance: High

Good morning,

Due to recent FedEx issues, we did not receive the cooler with site SD-HAB-D22521 until today. These samples were collected on 2-25-21 @ 9:40am, thus the short-hold samples are long expired. The samples arrived at 12.8 degrees C, well outside of the acceptable temperature range. I can still log in the sulfuric preserved nutrient sample and the Bloom ID, but the data will need to be qualified. I did not see any paperwork for this site via email or in the cooler, will you please send me the CoC as soon as possible?

Thank you,



Kyle Klug
Lab Technician IV
DEP Laboratories
Voice: 850.245.8153
Kyle.Klug@floridadep.gov

Login Checklist

RQ- 2020-08-31-76

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/ 1 /21 @ 10:30

*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	
12.8				6		✓			9117 6381 3280

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# 8698

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 KK 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: 3/ 1 /21

Event contains NCRs (Y/N)? Y

Event ID: Algal Bloom Response -SOROC
WQAP-2021-03-01-01 (BLOOM-RESP)

Date Received: 01-MAR-2021 10:30

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

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

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 - 2020-08-31-26		Collected By: Nicole Reistad, Kirby Wolfe	
Customer: SO-DIST	Field Report Prepared By: Nicole Reistad		
Project ID: Algal Resp.	Sampling Agency: FDEP-SROC		
Location: Sanibel Slough @ Middle Gulf Dr		Comments: bloom evenly distributed through water column	
Field ID: SD-HAB-022521		Coordinates: 26°25'52.217"N 82°3'21.400"W	
		Collection Equip: water bottles, syringe, filter	
WIN ID:	High Tide Time:	Low Tide Time:	
Matrix: Salt	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)
02/25/21	0940	12.14 NR 146.1	12.44	22.6	8.71	0.3	1.1	0.3	4574	2.44

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
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4 ☒ <2		1	B
	Acid Lot: SA0293040	Exp: 10/19/21			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice		
	Filter Lot #			1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y/N	1	C

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Kirby Wolfe	02/25/21 1130	1	HK	3.1.21/1030

Date of Request: 27-JUL-2020
 Created By: WOLFE_K On: 27-JUL-2020
 Modified By: JASROTIA_P On: 10-AUG-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: 850-245-8416
 2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Cooler Ship EMail: kirby.wolfe@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-AUG-2020
 Biology Request Reviewed By: JASROTIA_P On: 10-AUG-2020
 Sampling Kit Required: YES Ship on: 21-AUG-2020
 Sampling Kit Shipped: YES On: 17-AUG-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 31-AUG-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;Miranda.Carroll@FloridaDEP.gov;Chri
 s.Hormuth@FloridaDEP.gov;Nicole.Reistad@floridadep.gov;Joh
 n.Barrington@floridadep.gov

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.