

From: [Wolfe, Kirby](#)
To: [Reaves, Shawn D](#); [Carroll, Miranda](#)
Subject: Re: RQ-2020-10-19-58
Date: Thursday, November 12, 2020 3:58:14 PM
Attachments: [image001.png](#)

yes G3SD0171

Kirby Wolfe
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SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
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From: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Sent: Thursday, November 12, 2020 3:53 PM
To: Carroll, Miranda <Miranda.Carroll@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RQ-2020-10-19-58

Good Afternoon,

The following site was logged in as G3SD0171..., I think it should be G3SD0171 can you please verify?

Thank you

RQ- 2020-10-19-58		Collected By:	Miranda Carroll, Kirby Wolfe
Customer:	WQAP	Field Report Prepared By:	Miranda Carroll
Project ID:	LKORELEASE	Sampling Agency:	FDEP-SDRDC
Location: G3SD0171 upstream on 577 Lock		Comments: syringe lot #0079931	
Field ID: LAR-SDH0520-001		Coordinates:	26.840672, -81.083572

Shawn D. Reaves
DEP-Lab Support
Environmental Specialist I
Office: 850-245-8082
Direct: 58082

Email: Shawn.Reaves@FloridaDEP.gov

Login Checklist

RQ-2020-10-19-58

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 11/06/2020 @ 9:35

*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	
1.1°C				6		x			9293 8006 7591

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: TK

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: TK

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

Yes _____ No _____ NA ☒ Init: TK

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 11/06/2020 Event contains NCRs (Y/N)? None

Event ID: WQAP-2020-11-06-01 (LKORELEASE)
Date Received: 06-NOV-2020 09:35

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:11/05/2020
pH Test Strips 0 – 6	
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 - 2020-10-19-58		Collected By: Miranda Carroll, Kirby White	
Customer: WQAP		Field Report Prepared By: Miranda Carroll	
Project ID: LKORELEASE		Sampling Agency: FDEP - SVRDC	
Location: G3500171 upstream on 577 Lock		Comments: syringe lot #0079931	
Field ID: HAB-SD110520-001		Coordinates: 26.840672, -81.083572	
		Collection Equip: Sample bottle	
WIN ID:		High Tide Time:	
Matrix: Fresh		Low Tide Time:	
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)
11/5/20	0945	32.6	2.75	23.6	7.05	0.3	2.9	0.4	368.2	0.18
11/5/20	0948	31.9	2.71	23.6	7.05	2.4	—	—	368.3	0.18

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 Algal-ID	☒ Ice		1	B-A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	C
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
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter Filter Lot # 17101170	☒ 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
<i>[Signature]</i>	11/5/20 1500	1		

Date of Request: 15-OCT-2020
 Created By: RANKIN_A On: 15-OCT-2020
 Modified By: JASROTIA_P On: 15-OCT-2020
 Customer: WQAP
 Project: LKORELEASE
 Division:
 District:
 Event Description: Lake O Release SD

Send Coolers To:

Phone: 2393445719
 2295 Victoria Ave #364

 Ft. Myers, FL 33901
 Attn: Kirby Wolfe
 Cooler Ship Email: Kirby.Wolfe@FloridaDEP.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-OCT-2020
 Biology Request Reviewed By: JASROTIA_P On: 15-OCT-2020
 Sampling Kit Required: YES Ship on: 16-OCT-2020
 Sampling Kit Shipped: YES On: 16-OCT-2020
 Sampling Kit Packed By: AYRES_J
 Preservatives Needed: NO
 Date to Receive Samples: 27-OCT-2020
 Logged In By: REYNOLDS_T On: 04-NOV-2020

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399-2400
 Attn: Dave Whiting
 Report Notification Email: David.D.Whiting@FloridaDEP.gov

Comments: 4 locations, 1 bottle each: ALGAL-ID, toxins, nutrients, and full ID; 3 bottles each chlorophyll

All Bottle Groups - one event

Bottle Group A
 For algal dominant taxon

Bottle Group B
 For toxin testing, nutrients, full ID

Bottle Group C
 For chlorophyll

Please print two copies of algal job labels at login.

Bottle Group A (Biological) With 4 Samples:

Bottle Type: PT-50ML	Number of Bottles: 4	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

Bottle Group B (Water) With 4 Samples:

Bottle Type: BP-1L	Number of Bottles: 4	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: 4	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: 4	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: 4	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 12 Samples:

Bottle Type: BP-1L	Number of Bottles: 12	Preserved With: ICE
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Bottle Group C (Water) With 12 Samples:

Bottle Type: BP-1L

Number of Bottles: 12

Preserved With: ICE

CHLSUITE-W

Template: DEFAULT

(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

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