

Customer: WQAP

Project ID: SPPROJECTS

Requester: Kirby Wolfe

Collected By:

Clell Ford

Field Report Prepared By:

Clell Ford

Sampling Agency:

Highlands County

RQ-2017-02-06-02				☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>28 Feb 17</u> Time <u>10:10</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Please Write Date & Time		G4SD0152 Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>115.8</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>NA</u>		A	
Lake Istokpoga Algae NW		G4SD0152 STORET		Temp (C) <u>23.01</u>		pH <u>8.49</u>		Sample Depth <u>0.5</u>		☒ ft ☐ m		Sp. Conductance (umho/cm) <u>139</u>	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>NA</u>		Comments <u>Transparency 2.0'. No bloom, no mcyst bottle</u>							
RQ-2017-02-06-02				☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>28 Feb 17</u> Time <u>10:20</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Please Write Date & Time		G4SD0155 Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>109.7</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>NA</u>		A	
Lake Istokpoga Algae W		G4SD0155 STORET		Temp (C) <u>22.83</u>		pH <u>8.35</u>		Sample Depth <u>0.5</u>		☒ ft ☐ m		Sp. Conductance (umho/cm) <u>135</u>	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>NA</u>		Comments <u>Transparency 2.0'. No bloom, no mcyst bottle</u>							
Location		Field ID		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		☐ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments							
Location		Field ID		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		☐ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments							

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

2/28/17 12:45

FedEx

Judy Reynolds 03/02/17 10:05

Group: A Bottle Type: PT-50ML # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 2

BLOOM-ID

Group: B Bottle Type: BG-WD250 # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 0

W-MCYST-AA

Group: C Bottle Type: BP-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 2

CHLSUITE-W

Group: C Bottle Type: P-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 2

TURBIDITY

W-COLOR

W-TSS

Group: C Bottle Type: P-500ML # of Bottles: 6 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 2

W-NH3

W-NO2NO3

W-S-A-JP

W-TKN

W-TOC

Group: C Bottle Type: P-125ML # of Bottles: 6 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 2

W-PO4-F

Group: D Bottle Type: BP-1L # of Bottles: 6 Preservative: Lugols Enter Number of Bottles Sent to Lab 2

DTY-QN-C

PKD-QN-C

Reynolds, Tyler

From: Ford, Clell <Cford@hcbcc.org>
Sent: Thursday, March 02, 2017 1:10 PM
To: Wolfe, Kirby
Cc: Warren, Kalina; Reynolds, Tyler; Foster, JD
Subject: FW: RQ-2017-02-06-02

Kirby:
These are the February samples for the Istokpoga Harmful Algal Bloom project. How do you want to proceed? We have another set and could re-sample next week, but will need to have our filters resupplied and get that on calendar. We are scheduled to sample again the last week of March. I asked Tyler about any cause provided by FedEx for the late shipment, and he said there was no apparent cause – they left here on time on Tuesday; perhaps the inclement weather on Tuesday night and Wednesday the Memphis area impacted FedEx shipments – will let Tallahassee work on that end of things. Please give me a call to discuss when you get back in the office.

Thanks,

Clell

Clell J. Ford

Lakes Manager, Highlands County Parks and Natural Resources

4344 George Blvd.

Sebring, FL 33875-5803

Phone: (863)402-6545

Fax: (863)402-6899

Cell: (863)446-0903

e-mail: cford@hcbcc.org



Please consider the environment before printing this email

From: Reynolds, Tyler [mailto:Tyler.Reynolds@dep.state.fl.us]
Sent: Thursday, March 2, 2017 12:30 PM
To: Wolfe, Kirby <Kirby.Wolfe@dep.state.fl.us>; Ford, Clell <Cford@hcbcc.org>
Cc: Watts, John <John.Watts@dep.state.fl.us>
Subject: RQ-2017-02-06-02

Good afternoon,

We received these samples 03/02/17 at 10:05AM. They were shipped on 02/28/17. Upon arrival the samples were expired.

Tyler W Reynolds

Florida DEP Labs

Laboratory Tech IV

Scientific Support

Voice: 850-345-8332

Direct: 58784



Date of Request: 16-NOV-2016
 Created By: WOLFE_K On: 16-NOV-2016
 Modified By: MATTHEWS_D On: 12-JAN-2017
 Customer: WQAP
 Project: SPPROJECTS
 Division: Division of Environmental Assessment and Restoration
 District: south
 Sampling Event: Lake Istokpoga

Send Coolers To:

Phone: (869)402-6545
 Highlands County Parks and Natural Resources
 4344 George Blvd.
 Sebring, FL 33875
 Attn: Clell Ford

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 11-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 12-JAN-2017
 Sampling Kit Required: YES Ship on: 02-FEB-2017
 Sampling Kit Shipped: YES On: 31-JAN-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 06-FEB-2017
 Received By: KITCHEN_S On: 01-MAR-2017

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: 1 - case of sulfuric acid

Please print two copies of algal job labels at login

Analyze toxin upon receipt after consultation with Biology's Taxonomy Manager or designee.

Bottle Groups A/B - separate event, priority 1
 Bottle Groups C/D - separate event, C - priority 3, D - priority 12

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxin testing.

Bottle Group C - Priority 3
 Water quality testing

Bottle Group D - Priority 12
 For algal full ID.

Bottle Group A (Biological) With 6 Samples:

Bottle Type: PT-50ML Number of Bottles: 6 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 6 Samples:

Bottle Type: BG-WD250 Number of Bottles: 6 Preserved With: ICE
 W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 6 Samples:

Bottle Type: BP-1L Number of Bottles: 6 Preserved With: ICE
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Bottle Type: P-1L Number of Bottles: 6 Preserved With: ICE
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices

SB5513H001V02505040010202sample: 1864200 is hazardous: 05080010202C10rgcompd-ch1o 1

Bottle Group C (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 6	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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 6	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group D (Water) With 6 Samples:

Bottle Type: BP-1L	Number of Bottles: 6	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.

Log-in Checklist

RQ- 2017-02-06-02

Shipping Method: Fedex

Date/Time of Receipt: 10:05 am 03/02/17

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	1.2	12		✓			810392837207

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

CONTAINER CHECK

**Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

**Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐

**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: JK

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

Coolers Unpacked/Checked by: JK Date: 03/02/17 NCRs (Y/N)? YES

Event ID: WQAP-2017-03-02-03 NCR # 6280

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No ✓

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 _____

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: _____

Additional Comments: