Request Number: RQ-2016-08-01-44

Lee County Algae Sampling

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Kirby Wolfe

Collected By: Sue Davis

Field Report Prepared By:

Sampling Agency: Lee County

Location: Alva Boat Ramp	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 08/04/2016 Time 1010 Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)			
Field ID	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 3.90 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —				
STORET #	Temp (C) 30.5	pH 7.27	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 425			
Latitude 26.71372 ☐ dd ☐ dms	Longitude -81.60599 ☐ dd ☐ dms	Salinity (ppt) 0.2	Comments: Very light algae				
Location: Franklin Locks Upstream	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 08/04/2016 Time 1050 Eastern Central	Composite end Date Time	Bottle Group(s)			
Field ID	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 3.48 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —				
STORET #	Temp (C) 30.57	pH 7.26	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 435			
Latitude 26.72117 ☐ dd ☐ dms	Longitude -81.69328 ☐ dd ☐ dms	Salinity (ppt)	Comments: Very light algae				
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)			
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
STORET #	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
Sue Davis	8/4/2016		1	SK	8-5-16/10:15

Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-MCYST-AA	BG-WD250	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

RQ-2016-08-01-44

Date of Request: 26-JUL-2016
Created By: WOLFE_K On: 26-JUL-2016
Modified By: MATTHEWS_D On: 27-JUL-2016
Customer: WQAP
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: Lee County Algae Sampling

Send Coolers To:

Phone: (239) 533-8600
Lee County Environmental Lab
60-2 Danley Dr.
Ft Myers, FL 33907
Attn: Sue Davis

Send Final Report To:

2600 Blair Stone Rd
MS #3560
Tallahassee, FL 32399-2400
Attn: Cheryl Swanson

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 26-JUL-2016
Biology Request Reviewed By: MATTHEWS_D On: 27-JUL-2016
Sampling Kit Required: YES Ship on: 29-JUL-2016
Sampling Kit Shipped: YES On: 29-JUL-2016
Sampling Kit Packed By: LASHLEY_C
Preservatives Needed: NO
Date to Receive Samples: 01-AUG-2016
Received By:

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

Comments: Analyze toxin upon receipt after consultation with Biology's Taxonomy Manager.

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

Bottle Group A - Priority 1
For algal dominant taxon.
Bottle Group B - Priority 1
For toxin testing.
Bottle Group C - Priority 3
For Phytoplankton

There are 6 sets of bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropraite to collect for a particular response (water column only or combo of water column and scum). All sets of bottles do not have to be filled at one time.

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

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

Log-in Checklist

RQ- 2016-08-01-44

Shipping Method: Fedex

Date/Time of Receipt: 8-5-16 / 10:15

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	0.1	6		✓			

*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					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes____ No____ NA ✓ Init: SK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: SK

Coolers Unpacked/Checked by: SK Date: 8-5-16 NCRs (Y/N)? N

Event ID: WQAP-2016-08-05-01 NCR # ____

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:

00863

01000

22564

05625046

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express Package US Airbill

FedEx Tracking Number 8085 0983 4770

MUR1

Form ID No. 0215

Recipient's Copy

1 From

Date 8/4/2016

Sender's Name Sue Davis Phone

Company Lee County Environmental Lab

Address 60-2 Danley Dr. Dept./Floor/Suite/Room

City Fort Myers State FL ZIP 33907

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City TALLAHASSEE State FL ZIP 32399-6542

HOLD Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0119899133

8085 0983 4770

4 Express Package Service • To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- [ ] FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging • Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak*
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]262

Total Packages 1 Total Weight 40 lbs. Credit Card Auth.

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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