RQ-2017-05-08-62

Request Number: ~~RQ-2016-07-18-51~~

Lee County Algae Sampling

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Kirby Wolfe

Collected By: Sue Davis

Field Report Prepared By: ______

Sampling Agency: Lee County Env. Lab

Location: Alva Boat Ramp	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 5/11/2017 Time 0923	Eastern / Central	Composite end Date Time	Bottle Group(s) (See pg 2): ABC
Field ID	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: ✱ ~~9.0~~ ☑ mg/L ☐ % sat		Total Res. Chlorine (mg/L): —	
STORET #	Temp (C): 28.0	pH: 8.5	Sample Depth: 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm): 565	
Latitude: 26.71394 ☐ dd ☐ dms	Longitude: -81.60612 ☐ dd ☐ dms	Salinity (ppt): <1	Comments: water column and surface - pretty abundant		

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		

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STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

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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	5/11/2017	Fedex	1	SR	5-12-17 / 10:00

✱ DO failed post calibr. check

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

RQ-2017-05-01-85

Date of Request: 24-APR-2017
Created By: WOLFE_K On: 24-APR-2017
Modified By: LURDING_K On: 28-APR-2017
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: R
Criminal Investigation: NO
Chemistry Request Reviewed By: LURDING_K On: 28-APR-2017
Biology Request Reviewed By: LURDING_K On: 28-APR-2017
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 01-MAY-2017
Received By: REYNOLDS_T On: 28-APR-2017

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 1 Samples:

Bottle Type: PT-50ML Number of Bottles: 1 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-WD250 Number of Bottles: 1 Preserved With: ICE
W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 1 Samples:

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

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Shipping Method: Fedex

Date/Time of Receipt: 5-12-17 / 10:00

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	3		✓			

*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: SR

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

Coolers Unpacked/Checked by: SR **Date:** 5-12-17 **NCRs (Y/N)?** N

Event ID: WQAP-2017-05-12-03 **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_____

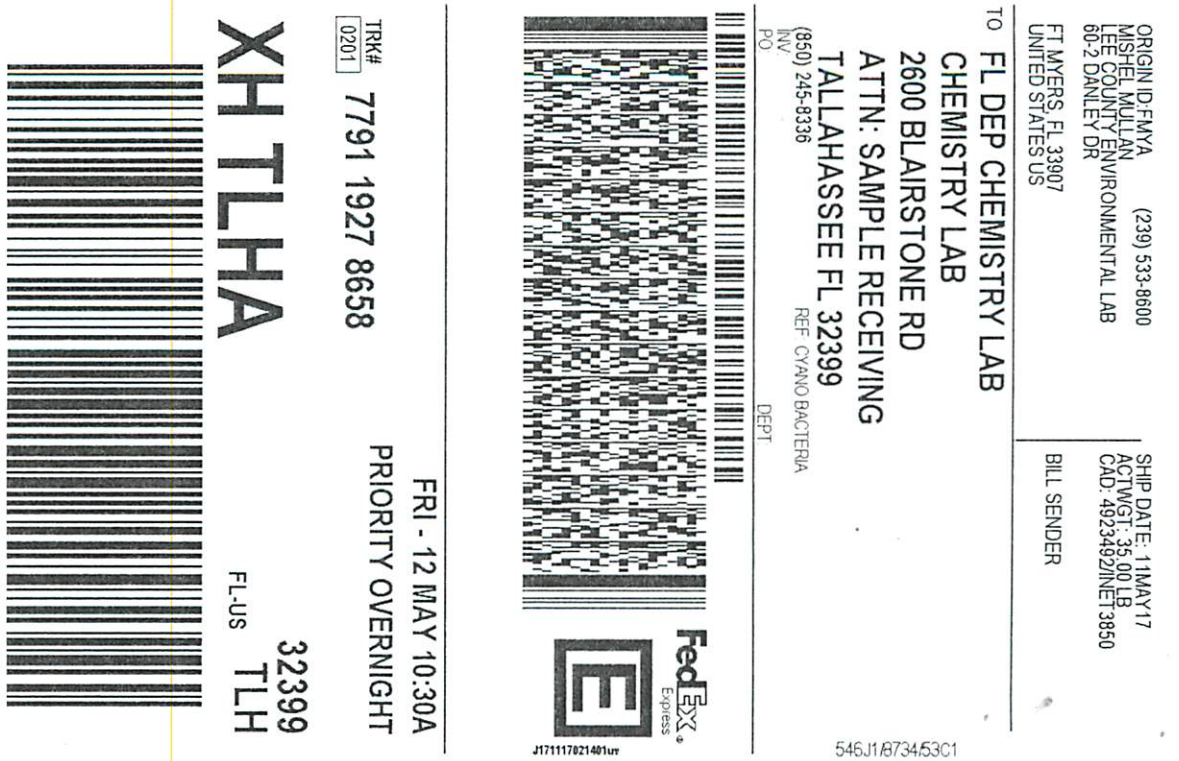
If no, were samples shipped on dry ice? Yes_____ No_____

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:



After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.