Log-in Checklist

RQ-2018-04-09-65 Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound |_____ Date/Time of Receipt: 04/10/2018 / 10:05

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape Present? Yes	Evidence Tape Present? No	*Intact? Yes	*Intact? No	Tracking # (fill out only if waybill copy is damaged)
BLUE	4.2C	5		✓			

*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 x No_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes_____ No ✓ Date_____

CONTAINER CHECK

**Evidence Tape on Bottles? Yes_____ No x If yes, is it intact? Yes_____ No_____

**Caps on tight? Yes x No_____ **Containers intact? Yes x No_____

**Sufficient Sample Volume: Yes x 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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes x No_____ NA_____ Init: ABS

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes_____ No_____ NA x Init: ABS

Coolers Unpacked/Checked by: ABS Date: 10/2018 NCRs (Y/N)? ✓

Event ID: Bloom - Peace River in Bowling Gr WQAP-2018-04-10-02 (BLOOM-RESP) Date Received: 10-APR-2018 10:05 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

Infrared Thermometer ID:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

Additional Comments:

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ No__x__

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ If No_____

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: _____

last revised Jan 25, 2018

Request Number: RQ-2018-04-09-65

Bloom - Peace River in Bowling Green area

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: BLOOM-RESP

Requester: Cheryl A. Swanson

Collected By: MATTHEW BEARDEN

Field Report Prepared By: MATTHEW BEARDEN

Sampling Agency: SW ROC

L F V — Algal Bloom Response Peace River @ CR 664 RQ-2018-04-09-65	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/9/18 Time 1138	(Eastern) Central	Composite end Date — Time —	Bottle Group(s) (See pg 2) A, B, C
	Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 10.15 ☒ mg/L 123.1 ☒ % sat	Total Res. Chlorine (mg/L) —	
	Temp (C) 25.0	pH 8.1	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 4951	
Latitude 27 38 34.179 ☐ dd ☒ dms — Longitude -81 48 7.707 ☐ dd ☒ dms	Salinity (ppt) 0.24	Comments BLOOM RESPONSE			
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)	
WIN/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)	
WIN/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)	
WIN/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
M. BEARDEN	4/9/18 1300	FEDEX	1	[illegible initials]	4-10-18 / 10:05

Group: A	Bottle Type: PT-50ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	BLOOM-ID					
Group: B	Bottle Type: BG-500ML-WDMTH	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-MCYST-AA					
Group: C	Bottle Type: BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W					
Group: C	Bottle Type: P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN					
Group: C	Bottle Type: P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F					
Group: D	Bottle Type: BP-1L	# of Bottles: 2	Preservative:	Lugols	**Enter Number of Bottles Sent to Lab**	1
	DTY-QN-C PKD-QN-C					

RQ-2018-04-09-65

Date of Request: 09-APR-2018
Created By: SWANSON_C On: 09-APR-2018
Modified By: SWANSON_C On: 09-APR-2018
Customer: WQAP
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District: Southwest District
Sampling Event: Bloom - Peace River in Bowling Green area

Send Coolers To:

Phone: 813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Matt Bearden

Send Final Report To:

FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Matt Bearden

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 09-APR-2018
Biology Request Reviewed By: SWANSON_C On: 09-APR-2018
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 10-APR-2018
Received By: SHAIK_A On: 10-APR-2018

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 Group A - Priority 1
For algal dominant taxon in water and scum sample, if applicable.

Bottle Group B - Priority 1
For toxin testing, if applicable.

Bottle Group C - Priority 3
For water column nutrients.

Bottle Group D - Priority 12
For full algal count for water and scum, in applicable.

There are two sets of bottles per Group in case one water column and one scum sample is needed. You do not need to fill both if a surface scum is not present.

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: Number of Bottles: 2 Preserved With: ICE
W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Group C (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: 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
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

Bottle Group C (Water) With 2 Samples:

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 D (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.

ORIGIN ID:MCFA (813) 632-7600
JUDY ASHTON
FL DEP SOUTHWEST DISTRICT
13051 NORTH TELECOM PARKWAY

TEMPLE TERRACE, FL 33637
UNITED STATES US

SHIP DATE: 13MAR18
ACTWGT: 10.00 LB
CAD: 100182098/INET3980

TO **AMZAD SHAIK**
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
(850) 245-6085
INV:
PO:
REF:
RMA:
DEPT:

552J10/07F50CA5

FedEx Express

FedEx
TRK# 0221 7954 4261 2187

TUE - 10 APR 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
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Align Open End of FedEx Pouch Here