

RQ- 2018-01-15-47

Log-in Checklist

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound | Date/Time of Receipt: 06/27/18 @ 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	0.8°C	12		X			7815 8991 0316

*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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X Date

CONTAINER CHECK

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

**Caps on tight? Yes ✓ No **Containers intact? Yes ✓ No

**Sufficient Sample Volume: Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No X Init: rn

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 ✓ No NA Init: rn

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

Coolers Unpacked/Checked by: Tyler R. Date: 06/27/18 NCRs (Y/N)? ✓

Event ID: Algal Bloom Response - As needed NCR #

WQAP-2018-06-27-03 (BLOOM-RESP)

Date Received: 27-JUN-2018 10:0

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

Additional Comments:

Infrared Thermometer ID:	REC_05_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

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WQAP

Requester: Kirby Wolfe

Field Report Prepared By: MARYANN DUGAN

Project ID: BLOOM-RESP

Collected By: MARYANN DUGAN, NICOLE REUTAD

Sampling Agency: FL DEP S ROC

Location #1 ORANGE RIVER TREE FARM TIKI HUT SR 31 RD		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 06/26/2018 Time 1015	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2) A,B,C,D
Field ID		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 5.66 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C) 31.3	pH 6.89	Sample Depth 0.2 ☒ ft ☒ m	Sp. Conductance (umho/cm) 403	
Latitude 26.7021571 ☒ dd ☐ dms	Longitude -81.774437 ☒ dd ☐ dms	Salinity (ppt)	Comments			
Location #2 TIKI HUT @ SR 31 ORANGE RIVER TREE FARM RD		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 06/26/2018 Time 1050	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) A,B,C,D
Field ID		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 3.08 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C) 31.2	pH 6.63	Sample Depth 0.3 ☒ ft ☒ m	Sp. Conductance (umho/cm) 379.7	
Latitude 26.7021571 26.7156365 ☒ dd ☐ dms	Longitude -81.774437 -81.7612068 ☒ dd ☐ dms	Salinity (ppt) 0.18	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: Maryann Dugan	Date/Time 06/26/2018	Shipping Method FEDEX; 1200	Number of Coolers Shipped: 1	Received By: Tyler R.	Date/Time 06/27/18 06:00
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Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-MCYST-AA	BG-500ML-WDMT H	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: D	Bottle Type: DTY-QN-C PKD-QN-C	BP-1L	# of Bottles: 2	Preservative:	Lugols	Enter Number of Bottles Sent to Lab <u>2</u>

Cooler Packing Worksheet for Request: RQ-2018-01-15-47

Algal Bloom Response - As needed

Ship Cooler On: 1/10/2018

Customer/Project: WQAP/BLOOM-RESP

Assigned To: GREENWOO_J

Requester: Kirby Wolfe

Priority: 3

850-245-8416
2295 Victoria AVE
Suite 364
Fort Myers, FL 33901
Attn: Kirby Wolfe

Comments:

- No preservatives needed.

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

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.

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: PT-50ML

Qty: 2

Preservation: ICE

Lot # 13725003

Description: Plastic Tube 50 mL

Analysis

BLOOM-ID

Description

Assessment of dominant algal taxa in bloom or mat sample

Bottle Group: B

of Sites: 2

Container ID: BG-500ML-WDMTH Qty: 2 Preservation: ICE

Lot # 00067647

Description: Wide Mouth Amber Glass Bottle 500 ml

Analysis
W-MCYST-AA

Description
Microcystins in water matrices by HPLC/MS/MS

Bottle Group: C

of Sites: 2

Container ID: BP-1L Qty: 2 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis
CHLSUITE-W

Description
Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML Qty: 2 Preservation: ICE And H2SO4

Lot # 00069255

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis
W-NH3
W-NO2NO3
W-S-A-TP
W-TKN

Description
Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices

Container ID: P-125ML Qty: 2 Preservation: FILTER-ICE

Lot # 00069732

Description: Plastic Bottle 125 mL

Analysis
W-PO4-F

Description
Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: D

of Sites: 2

Container ID: BP-1L Qty: 2 Preservation: Lugols

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis
DTY-QN-C
PKD-QN-C

Description
No. of diatom taxa of quantitative phytoplankton sample.
No. of wet taxa of quantitative phytoplankton sample.

Cooler Packed By:

92

Number of Coolers:

1

Date:

1/10/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-01-15-47

Date of Request: 03-JAN-2018
 Created By: WOLFE_K On: 03-JAN-2018
 Modified By: SWANSON_C On: 09-JAN-2018
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SROC
 Sampling Event: Algal Bloom Response - As needed

Send Coolers To:

Phone: 850-245-8416
 2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe

Send Final Report To:

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

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 08-JAN-2018

Biology Request Reviewed By: SWANSON_C On: 09-JAN-2018

Sampling Kit Required: YES Ship on: 10-JAN-2018

Sampling Kit Shipped: YES On: 10-JAN-2018

Sampling Kit Packed By: GREENWOO_J

Preservatives Needed: NO

Date to Receive Samples: 15-JAN-2018

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/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.

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

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: BG-500ML-WDMTH 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

Bottle Group C (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H2SO4
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
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.