

Log-in Checklist

RQ- 2019-04-52

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 04/10/19 @ 9:40

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.7°C				6(2)		X			4751 8775 9998

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above standard temperature without customer notification/confirmation.**

****Note:** If "No" is checked below, fill out the back of this form (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

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: Tyler R

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		
W-PFAS-MS					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes X No NA X Init: Tyler R

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 04/10/19 NCRs (Y/N)? N

Event II Algal Bloom Response - As needed
WQAP-2019-04-10-02 (BLOOM-RESP)
 Page 1 Date Received: 10-APR-2019 09:40
Federal Express BIOLOGY

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

Additional Comments:

Infrared Thermometer ID:	
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	
Chlorine Test Strips Lot #	

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: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: BLOOM-RESP

Collected By: Mike Linger / Lawrence Drennan

Sampling Agency: FDEP

CE-ROC

Location		Algae Bloom Sampling Kit		Eastern Central		Composite end		Bottle Group(s)	
Field		Lake Estelle		Time 1349		mg/L Total Res. Chlorine		(See pg 2)	
WIN		4/9/19		Diss. Oxygen 11.45		ft Sp. Conductance		A, B, C, D	
Latitude		Mike Linger / Mike Drennan		Sample Depth 0.3		ft Sp. Conductance		221	
		RQ-2019-02-04-52		pH 8.76		ft Sp. Conductance			
		dd dms		Salinity (ppt)		ft Sp. Conductance			
Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		Time		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine			
WIN/STORET #		Diss. Oxygen		ft Sp. Conductance		ft Sp. Conductance			
Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			
Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		Time		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine			
WIN/STORET #		Diss. Oxygen		ft Sp. Conductance		ft Sp. Conductance			
Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			
Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
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WIN/STORET #		Diss. Oxygen		ft Sp. Conductance		ft Sp. Conductance			
Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			
Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		Time		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine			
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Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			
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WIN/STORET #		Diss. Oxygen		ft Sp. Conductance		ft Sp. Conductance			
Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			
Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		Time		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine			
WIN/STORET #		Diss. Oxygen		ft Sp. Conductance		ft Sp. Conductance			
Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			
Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		Time		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine			
WIN/STORET #		Diss. Oxygen		ft Sp. Conductance		ft Sp. Conductance			
Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			
Location		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID		Time		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine			
WIN/STORET #		Diss. Oxygen		ft Sp. Conductance		ft Sp. Conductance			
Latitude		pH		ft Sp. Conductance		ft Sp. Conductance			
		Salinity (ppt)		ft Sp. Conductance		ft Sp. Conductance			

Relinquished By: MKL	Date/Time: 4/9/19 1600	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: Tyler R.	Date/Time: 04/10/19 @ 9:40
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Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-MCYST-AA	BG-WD250	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
H2SO4 LOT# S98344878 EXP: 12/18/2019						
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: DTY-QN-C PKD-QN-C	BP-1L	# of Bottles: 1	Preservative:	Lugols	Enter Number of Bottles Sent to Lab

Does not have lugols added to sample
MFL

Date of Request: 17-JAN-2019
 Created By: LINGER_M On: 17-JAN-2019
 Modified By: JASROTIA_P On: 22-JAN-2019
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: CEROC
 Sampling Event: Algal Bloom Response - As needed

Send Coolers To:

Phone: 407-897-4180
 3319 Maguire Blvd
 Suite 232
 Orlando, FL 32803
 Attn: Mike Linger

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-JAN-2019
 Biology Request Reviewed By: JASROTIA_P On: 22-JAN-2019
 Sampling Kit Required: YES Ship on: 24-JAN-2019
 Sampling Kit Shipped: YES On: 24-JAN-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 04-FEB-2019
 Received By: REYNOLDS_T On: 10-APR-2019

Send Final Report To:

3319 Maguire Blvd
 Suite 232
 Orlando, FL 32806
 Attn: Mike Linger

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 Groups D - separate event, 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.

Please print two copies of algal job labels at login.

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, and phaeophytin by spectrophotometry

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	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: 1	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 1 Samples:

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