

Log-in Checklist

RQ- **2019 - 05 - 06 - 74**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **05-10-2019 / 10:30**

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	No	Yes	No	
2.2C		HNO ₃	Formalin	18		X			4751 8779 3309

* 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 the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.

****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 **X** 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 **X** No ****Containers intact?** Yes **X** No

****Sufficient Sample Volume:** Yes **X** No

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

Chlorine detected? (One container checked per Field ID) Yes No Init: **ABS**

If "YES", list affected Field IDs and Test IDs below.

Field ID	List Test ID(s) where Chlorine was Detected, an NCR is required.

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: **05-10-2019** NCRs (Y/N)?

Event ID: **SW-DIST - 2019 - 05 - 10 - 02** NCR #

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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 03 2018 EXP:04/29/20
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/20
pH Paper 0 – 3 Lot #	220416A EXP:07/30/20
pH Paper 0 – 13 Lot #	222516 EXP:08/15/2019
Chlorine Test Strips Lot #	8212 2021/05

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: _____

Algal Bloom Response - as needed

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Matthew Bearden

Field Report Prepared By: M. Bearden

Project ID: BLOOM-RESP

Collected By: M. Bearden

Sampling Agency: SW ROC

Location ANNA MARIA ISLAND		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/9/2019 Time 1040	☒ Eastern ☐ Central	Composite end Date 5/9/2019 Time 1040	Bottle Group(s) (See pg 2)
Field ID 		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.60 ☒ mg/L 116.2 ☒ % sat	Total Res. Chlorine (mg/L) 51854	A, B, C, D
WIN Site Name: Anna Maria Island Bloom Response		Temp (C) 27.7	pH 8.15	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Salinity (ppt) 34.02		Comments		
Location HOLMES BEACH		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/9/2019 Time 1125	☒ Eastern ☐ Central	Composite end Date 5/9/2019 Time 1125	Bottle Group(s)
Field ID 		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 8.62 ☒ mg/L 133.5% ☒ % sat	Total Res. Chlorine (mg/L) 53072	A, B, C, D
WIN Site Name: Holmes Beach Bloom Response		Temp (C) 27.6	pH 8.12	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Salinity (ppt) 34.94		Comments		
Location PALMA SOLA BAY		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/9/2019 Time 1220	☒ Eastern ☐ Central	Composite end Date 5/9/2019 Time 1220	Bottle Group(s)
Field ID 		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 6.27 ☒ mg/L 97.2 ☒ % sat	Total Res. Chlorine (mg/L) 53086	A, B, C, D
WIN Site Name: Palma Sola Bay Bloom Response		Temp (C) 27.9	pH 8.09	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Salinity (ppt) 34.95		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) ☐ dd ☐ dms		
Comments						

Relinquished By: M. Bearden	Date/Time 5/9/19 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: ARB	Date/Time 05-10-19 16:30
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Group: A	Bottle Type: PT-50ML	# of Bottles: <u>3</u>	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
BLOOM-ID				
Group: B	Bottle Type: BG-250ML-WDMT H	# of Bottles: <u>3</u>	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
W-MCYST-AA				
Group: C	Bottle Type: BP-1L	# of Bottles: <u>3</u>	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
CHLSUITE-W				
Group: C	Bottle Type: P-500ML	# of Bottles: <u>3</u>	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>3</u>
W-NH3 W-NO2NO3 W-S-A-TP W-TKN				
Group: C	Bottle Type: P-125ML	# of Bottles: <u>3</u>	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>3</u>
W-PO4-F				
Group: D	Bottle Type: BP-1L	# of Bottles: <u>3</u>	Preservative: Lugols	Enter Number of Bottles Sent to Lab <u>3</u>
DTY-QN-C PKD-QN-C				

* 3 additional Bloom ID's Dropped off at FWRI

Date of Request: 09-MAY-2019
 Created By: BEARDEN_M On: 09-MAY-2019
 Modified By: JASROTIA_P On: 09-MAY-2019
 Customer: SW-DIST
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Algal Bloom Response - as needed

Send Coolers To:

Phone: 813-470-5951
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Matthew Bearden

Program Module Number:

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 09-MAY-2019
 Biology Request Reviewed By: JASROTIA_P On: 09-MAY-2019
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 09-MAY-2019
 Received By: SHAIK_A On: 10-MAY-2019

Send Final Report To:

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

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

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Groups A/B - separate event, priority 1
 Bottle Groups C - separate event, priority 3
 Bottle Group 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 - nutrients and chlorophyll

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-250ML-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

Bottle Group C (Water) With 2 Samples:

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