

RQ- 2022-07-18-31

Login Checklist

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/25/22 @ 9:30

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
-0.3				5		X			588947295012

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. 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 _____ NA XEvidence Tape intact? Yes _____ No X

If Criminal, photographs taken?

Yes _____ No X

Containers intact? Yes _____ No _____

Caps on tight?

Yes X No _____

Sufficient Sample Volume:

Yes X No _____If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes _____ No XInit: C-P

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____

Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

**Acid Preserved Samples: pH < 2.0?

Yes X No _____ NA _____ Init: C-P

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA X Init: C-P

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: C-P

Date: 10/25/22

Event contains NCRs(Y/N)? N

EventID: WQAP-2022-10-25-03 (BLOOM-RESP)

Date Received: 25-OCT-2022 09:30

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	221426058 10/17/23
pH Test Strips 0 – 6	223819AV 08/30/23
pH Paper 0 – 3	NA
pH Paper 0 – 13	210620 4/15/2023
Chlorine Test Strips	0070 02/2023

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

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 _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2022-07-18-31		Collected By:		John Barrington, William Mullen						
Customer:	WQAP BLOOM RESP		Field Report Prepared By:	John Barrington						
Project ID:	BLOOM_RESP		Sampling Agency:	SOROC						
Location: Caloosahatchee-Santa Fe Canal			Comments: Mats of filamentous algae present at deadend canal system.							
Field ID: HAB-SD-102422-0825			Coordinates:	26.59030, -81.95710						
WIN Secondary Resource Type: Canal			Collection Equip:	WaterBottle						
WIN ID:			High Tide Time:	02:41	Low Tide Time: 10:06					
Matrix:	Fresh	Grab	Tide:	☐ Rising ☒ Falling ☐ Slack ☐ N/A						
Water Quality										
Date	Time ■ EST □ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)
10/24/2022	08:25	76.5	6.47	23.3	6.75	0.3	1.3	1.3	2052	1.05
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Clarity	☒ Clear ☐ Slightly Turbid ☐ Turbid ☐ Opaque									
Bloom Color	☒ Green ☐ Red ☐ Brown ☐ Other:									
Algae Type	☐ Planktonic ☒ Filamentous ☐ Other:									
Algae Accumulation	☒ Mat ☐ Specks ☐ Scum ☒ Glob									
Algae Distribution	☐ Surface-Entire ☒ Surf-Localized ☒ Surf-Windblown ☐ Suspended ☐ Benthic ☒ Epiphytic									
Parameter Suite	Parameter Methods				Preservation		pH Check	#Bottles Sent to Lab	Bottle Group	
Algal ID (PT-50mL)	☐ ALGAL-ID				☐ Ice					
Bloom ID (PT-50mL)	☒ BLOOM-ID				☒ Ice			1	A	
Chlorophyll (BP-1L)	☒ CHLSUITE-W				☒ Ice			1	B	
Toxins (P-125/BG-250)	☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	B	
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☒ Ice ☒ H2SO4		☒ <2	1	B	
	Acid Lot: SA214516		Exp: 6/2/23							
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice			1	B	
	Filter Lot # 17441866									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols					
Relinquished By:	Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
John Barrington	10/24/2022 15:00		1			C-P		10/25/2022 9:30		

Date of Request: 20-JUN-2022
 Created By: WOLFE_K On: 20-JUN-2022
 Modified By: JASROTIA_P On: 29-JUN-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SROC
 Event Description: Algal Bloom Response -Cape Coral

Send Coolers To:

Phone: 239-574-0745 (ext 4745)
 Environmental Resources Division Public Works
 815 Nicholas Pkwy
 Cape Coral, FL 33990
 Attn: Maya Roberts
 Cooler Ship EMail: mroberts@capecoral.net

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 29-JUN-2022
 Biology Request Reviewed By: JASROTIA_P On: 29-JUN-2022
 Sampling Kit Required: YES Ship on: 08-JUL-2022
 Sampling Kit Shipped: YES On: 05-JUL-2022
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 18-JUL-2022
 Logged In By: GIVENS_G On: 04-AUG-2022

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Report Notification EMail:
 kirby.wolfe@floridadep.gov;kalina.warren@dep.state.fl.us;Cheryl.
 Swanson@dep.state.fl.us;gary.snorek@floridadep.gov;;Nicole.Re
 istad@floridadep.gov;John.Barrington@floridadep.gov

Comments:

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

Bottle Group A - Priority 3
 For algal dominant taxon.

Bottle Group B - Priority 3
 For toxins, nutrients, chlorophyll

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 2 Samples:

Bottle Type: PT-50ML	Number of Bottles: 2	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (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: 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
W-SAXTN-MS	Template:	(EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS
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
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.