

Login Checklist

RQ-2021-06-07-60

Login Station ID: #4

Shipping Method FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 08/03/21 @ 8:30

*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	
2.3				2		X			7743 9400 5921

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 ☒ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA ☒

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ☒ No _____

Caps on tight?

Yes ☒ No _____

Sufficient Sample Volume:

Yes ☒ 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 ☒ Init: TX

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 _____ No _____ NA ☒ Init: TX

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

Yes _____ No _____ NA ☒ Init: TX

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

Coolers Unpacked/Checked by: TR

Date: 08/03/21

Event contains NCRs (Y/N)? N

Event ID: SFWM D Bloom Response-As Needed
SFWM D-2021-08-03-02 (BLOOM-RESP)

Page 1 of 2, 06/13/2020, 1.0
Date Received: 03-AUG-2021 08:30

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/28/2021
pH Test Strips 0 – 6	N/A
pH Paper 0 – 3	N/A
pH Paper 0 – 13	210620 EXP:04/15/2023
Chlorine Test Strips	0261 EXP:05/2023

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# _____

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

SFWMD Bloom Response-As Needed

last revised Jan 25, 2018

Customer: SFWMD

Requester: Puja Jasrotia

Field Report Prepared By:

Project ID: BLOOM-RESP

Collected By:

Sampling Agency:

Location <u>Lake Okeechobee/Pahokee Ramp</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>08/02/2021</u> Time <u>0920</u>		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) <u>A, B</u>
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>6.30</u>		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C) <u>33.10</u>	pH <u>8.77</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>403.6</u>		
Latitude <u>26.825239</u>	☒ dd ☐ dms	Longitude <u>-80.667850</u>	☒ 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				
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: <u>BP</u> <u>Blayne Polselli</u>	Date/Time <u>08/02/2021</u>	Shipping Method <u>FEDEX</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>Tyler N</u>	Date/Time <u>08/03/21</u>
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
BLOOM-ID							

Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
W-MCYST-AA							

RCVD 2 AUG 15:03 SFWMH

SFWMD Field Chain of Custody



RCVD 2 AUG 15:03 SFWMD

Work ID: P127780
Chain #: 15105
Profile: 1360
Workorder: 80951

☐ Check value

Agency: WOOD
Collector 1: 2497 B Polselli
Collector 2: 627 N 3 WMD
Collector 3: 627 N 3 WMD

SAMPLE DETAILS

Sample ID	Project	Collect Date	Station	Up/Down	Discharge	Type	Program	Method	Matrix	First Trigger Date	Depth	Tdepth	Secchi Depth	DCS	Bottles
P127780-1		08/02/2021 07:45	OCS			OCS	NR								
Tests:	CFLDCTRL														
Description:															
Comments:	Hydrolab, zero calibration of specific conductance.														
P127780-2	BGARES	08/02/2021 10:00	PM1	0		SAMP	NR	G	SW		0.5				6
Tests:	CHL-N, FCOND, FDO, FPH, FTEMP, MICRO, NH4, NOX, OPO4, TN, TPO4, TURB														
Description:															
Comments:	Pump and circulator running near sample location. Microcystin samples collected at 0.3 m. Bright green particulates visible at sampling area. BGA visible in sample. FDEP samples associated with P127780.														
P127780-3	BGARES	08/02/2021 11:00	PM2	0		SAMP	NR	G	SW		0.5				6
Tests:	CHL-N, FCOND, FDO, FPH, FTEMP, MICRO, NH4, NOX, OPO4, TN, TPO4, TURB														
Description:															
Comments:	Pump and circulator running near sample location. Microcystin samples collected at 0.3 m. Bright green particulates visible at sampling area. BGA visible in sample.														
P127780-4	BGARES	08/02/2021 11:50	PM3	0		SAMP	NR	G	SW		0.5				6
Tests:	CHL-N, FCOND, FDO, FPH, FTEMP, MICRO, NH4, NOX, OPO4, TN, TPO4, TURB														
Description:															
Comments:	Microcystin samples collected at 0.3 m. Bright green particulates visible at sampling area. BGA visible in sample. BGA mat south of sampling site visible (approx. 200 feet long). Switched to DI Carboy 7267.														

BP

SFWMD Field Chain of Custody



RCVD 2 AUG 15:03 SFWMD

Sample ID	Project	Collect Date	Station	Up/Down	Discharge	Type	Program	Method	Matrix	First Trigger Date	Depth	Tdepth	Secchi Depth	DCS	Bottles
P127780-5	BGARES	08/02/2021 12:40	PM5	0		SAMP	NR	G	SW		0.5				6
Tests:	CHL-N, FCOND, FDO, FPH, FTEMP, MICRO, NH4, NOX, OPO4, TN, TPO4, TURB														
Description:															
Comments:	Microcystin samples collected at 0.3 m. Bright green particulates visible at sampling area. BGA visible in sample. BGA mat on interior wall from previous week no longer visible. Switched to DI Carboy 7279.														
P127780-6	BGARES	08/02/2021 10:40	PM1			FCEB	NR	G	DI						5
Tests:	CHL-N, NH4, NOX, OPO4, TN, TPO4, TURB														
Description:															
Comments:	FCEB collected thru all sampling equipment														
P127780-7		08/02/2021 13:30	CCS			CCS	NR								
Tests:	CFLDCTRL														
Description:															
Comments:															

BP

SFWMD Field Chain of Custody



RCVD 2 AUG 15:04 SFWMD

FIELD TEST REPORT

Sample Analyst: Blayke Polselli

IC/ICV Location: PM1

Acceptance Criteria:

Bracketing:

IC/ICV Analyst: Blayke Polselli

IC/ICV Solution ID: WOOD052621

DO +/- 0.3 mg/L

Min

Max

CCV Analyst: Blayke Polselli

CCV Location: PM5

Sp. Conductance +/- 5 percent

pH:

7

10

Instrument ID: 40975

CCV Solution ID: WOOD052621

pH +/- 0.2 pH Units

SCOND:

200

2000

☐ Not bracketed ☐ Absolute limit ☐ Check value ☐ Failed

Sample ID	Station	Analysis Date	True Value	Precal Reading	Specific Conductance (uS/cm)	Dissolved Oxygen (mg/L)	pH	Temperature (degrees C)	Salinity (ppt)	P/F
IC (COND 1)		08/02/2021 07:50	2000	1999	2000					P
ICV (COND 2)		08/02/2021 07:50	200		198.2					P
IC (pH 7)		08/02/2021 07:50	7	7			7			P
IC (pH 4)		08/02/2021 07:50								
IC (pH 10)		08/02/2021 07:50	10	10			10			P
IC (DO)		08/02/2021 07:50	7.828	7.91		7.84		27.96		P
P127780-2	PM1	08/02/2021 10:05			404.2	5.93	8.8	33.11		
P127780-3	PM2	08/02/2021 11:04			403.8	5.83	8.8	33.01		
P127780-4	PM3	08/02/2021 11:55			402.8	6.51	8.95	33.59		
P127780-5	PM5	08/02/2021 12:45			405	6.85	8.93	33.31		
CCV (COND 1)		08/02/2021 13:35	200		199.8					P
CCV (COND 2)		08/02/2021 13:35	2000		2019					P
CCV (pH 7)		08/02/2021 13:35	7				7.1			P
CCV (pH 4)		08/02/2021 13:35								
CCV (pH 10)		08/02/2021 13:35	10				10.09			P
CCV (DO)		08/02/2021 13:35	7.705			7.7		28.91		P

Monday, August 2, 2021 1:49:27 PM

Dates and times are displayed using (04/00) America/New_York
Page 3 of 5

Parameters crossed out and/or "NOB" and "Cancel" added prior to submittal by:

Collector Initials (non-signature pages only):

BP

SFWMD Field Chain of Custody



SURFACE WATER NOTEBOOK

RCVD 2 AUG 15:04 SFWMD

Client: BGARES
Pre-Login#: P127780
Frequency: Weekly
Weather: Partly cloudy, wind 0-10 mph, upper 70s to mid 90s
Trip Comments: Samples associated with P127052

Collector 1: Blayke Polselli
Collector 2: 627
Collector 3: 627

Task: Notes, sonde, grab
Task: None
Task: None

EQUIPMENT
Grab Bucket:
A/S Bucket:
Van Dorn: 2
Syringe/Filter: Y
Other:

Tray: 1
Analyte-Free Water: 7267,7255,7279
Filter mfg./Lot#: A29503356

ACID
Bottle Size
 60
 120

H2SO4 Lot # 021020
H2SO4
Drops Sample/Blank
 5/5
 8/8

HNO3 Lot#
Drops Sample/Blank

Sample ID	First Trigger Date/Time	General Information					Autosampler Information									
		Station	Collection Method	pH < 2? (Y/N)	Amount of Suspended Solids	DCS (m)	Secchi Depth (m)	Total Depth (m)	Number of Samples	Pulse Settings	Initial Volume	Final Calibrated Volume	Requested Triggers	Confirmed Triggers	Count Reset? (Y/N)	FDC Status
P127780-2		PM1	G	Y	M											D
P127780-3		PM2	G	Y	M											D
P127780-4		PM3	G	Y	M											D
P127780-5		PM5	G	Y	M											D
P127780-6		PM1	G	Y												D

BP

SFWMD Field Chain of Custody



RCVD 2 AUG 15:04 SFWMD

WORK ID: P127780

CHAIN #: 15105

Field Collection Signatures:

Field Collector:

Boyle Ralli

Date: 08/02/2021

Time: 1400

Field Documentation Reviewed By:

Boyle Ralli

Date: 08/02/2021

Time: 1401

Samples Relinquished By:

Boyle Ralli

Date: 08/02/2021

Time: 1450

Samples preserved according to the Holding Time and Preservation Table in the FSM within 15 minutes of collection unless otherwise noted (initial): BP

The samples and/or data from this submission were collected by, or under contract with WQM in accordance with the WQM Quality System using the current version of the FSM (SFWMD-FIELD-FSM-001) (initial): BP

Transport and Shipping Information:

Hand Transport:

Samples transported/shipped in ice (initial): BP

Courier Shipment:

Courier Name:

Other:

Custody Seal Applied (initial):

Tracking Number:

Delivery Conditions and Information:

Evidence of sample cooling (ice present in cooler) at the time samples were removed from the cooler: Yes ☒ No ☐ (initial): BP

Notes on delivery temperature or other conditions:

HFDU Upload (initial):

Field:

Lab:

Comments:

Manual LIMS Entry (initial):

Comments:

Log In/ Receiving (Lab Use Only):

Login Documentation Review (initial):

Date:

Samples Received By:

Heather Lirone

Date: 8.2.2021

Time: 1512

Custody Seal Intact (courier shipments only) (Y/N):

Preservation Check (initial):

HG

Date: 8.2.2021

Time: 1507

Acidified to a pH >1.3 and <2.0 and tested with Lot #

HC908519

pH strips

Temperature check bottle present: Yes ☐ No ☒

3.3

Degree C

No: ☒

Thermometer ID:

C3

Documentation, labeling, missing items or other issues noted at login:

Date of Request: 21-MAY-2021
Created By: JASROTIA_P On: 21-MAY-2021
Modified By: RANKIN_A On: 06-JUL-2021
Customer: SFWMD
Project: BLOOM-RESP
Division:
District: Not Applicable
Event Description: SFWMD Bloom Response-As Needed

Send Coolers To:

Phone: 561-753-2400 ext. 4762
SFWMD FOC
8894 Belvedere Rd. B374
West Palm Beach, FL 33411
Attn: Michael Thompson
Cooler Ship EMail: mtompkin@sfwmd.gov

Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 21-MAY-2021
Biology Request Reviewed By: SWANSON_C On: 21-MAY-2021
Sampling Kit Required: YES Ship on: 28-MAY-2021
Sampling Kit Shipped: YES On: 26-MAY-2021
Sampling Kit Packed By: MCCOY_I
Preservatives Needed: NO
Date to Receive Samples: 07-JUN-2021
Logged In By: REYNOLDS_T On: 03-AUG-2021

Send Final Report To:

SFWMD
8894 Belvedere Rd. B374
West Palm Beach, FL 33411
Attn: Michael Thompson
Report Notification EMail:
mtompkin@sfwmd.gov; kirby.wolfe@FloridaDEP.gov; Jordan.Skaggs@FloridaDEP.gov

Comments: ATTN Packing Staff:

Please pack 2 coolers.

Bottle Group A/B: same event - Priority 1

Bottle Group A - Priority 1
For algal dominant taxon.

Bottle Group B - Priority 1
For toxin testing.

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 10 Samples:

Bottle Type: PT-50ML Number of Bottles: 10 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 10 Samples:

Bottle Type: BG-250ML-WDMTH Number of Bottles: 10 Preserved With: ICE
W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

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

