

Algal Bloom Response as needed

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAPRequester: Matt SewellField Report Prepared By: Jordan SkaggsProject ID: BLOOM-RESP-SMPCollected By: Jordan Skaggs, Matt SewellSampling Agency: 21 FLWPR

Location <u>WBID 8089 ENR7</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/16/17</u> Time <u>9:45</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <u>G4SE0104</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>SALT</u>		Diss. Oxygen <u>4.3</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # <u>G4SE0104</u>	Temp (C) <u>31.0</u>	pH <u>7.7</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54725</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>36.1</u>	Comments		
Location <u>WBID 8089 ENR6</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/16/17</u> Time <u>10:15</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>G4SE0105</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>SALT</u>		Diss. Oxygen <u>5.9</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # <u>G4SE0105</u>	Temp (C) <u>30.3</u>	pH <u>7.9</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54364</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.8</u>	Comments		
Location <u>WBID 8088 ENR6</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/16/17</u> Time <u>11:00</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>G4SE0102</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>SALT</u>		Diss. Oxygen <u>5.8</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # <u>G4SE0102</u>	Temp (C) <u>31.0</u>	pH <u>7.9</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54450</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.8</u>	Comments		
Location <u>WBID 8088 ENR7</u>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/16/17</u> Time <u>11:40</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>G4SE0103</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>SALT</u>		Diss. Oxygen <u>5.6</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # <u>G4SE0103</u>	Temp (C) <u>31.3</u>	pH <u>7.8</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54650</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>36.0</u>	Comments		

Relinquished By: <u>FDEP/JS</u>	Date/Time <u>8/16/17</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>[Signature]</u>	Date/Time <u>8-17-17/9:30</u>
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BLOOM-ID					
Group: B	Bottle Type:	BG-WD250	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-MCYST-AA					
Group: C	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: C	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
Group: C	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: D	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	Lugols	Enter Number of Bottles Sent to Lab _____
	DTY-QN-C					
	PKD-QN-C					

Date of Request: 03-JAN-2017
 Created By: SEWELL_M On: 03-JAN-2017
 Modified By: MATTHEWS_D On: 10-JAN-2017
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Sampling Event: SMP- Biscayne bay Run (1/5)

Send Coolers To:

Phone: (772) 448-5883
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 10-JAN-2017
 Sampling Kit Required: YES Ship on: 31-JAN-2017
 Sampling Kit Shipped: YES On: 30-JAN-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 31-JAN-2017
 Received By: SHAIK_A On: 17-AUG-2017

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

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

Comments: Sampler comments:
 bring sunblock, spf10000 minimum
 and a hat

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-1L	Number of Bottles: 9	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 9	Preserved With: ICE
CHLSUITE-W	Template:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 9	Preserved With: ICE And H₂SO₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 9	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

RQ- 2017-01-30-17

Log-in Checklist

Shipping Method: FEDEXDate/Time of Receipt: 08-17-17/9:30

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		Tracking # (fill out only if waybill copy is damaged)		
			Present? Yes No	*Intact? Yes No			
<u>R24</u>	<u>2.1C</u>	<u>16</u>		☒			<u>81039283 7273</u>

*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

CONTAINER CHECK

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

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

**Sufficient Sample Volume: Yes No

CHLORINE CHECK (Blue dot on container)

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-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

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

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

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

Coolers Unnacked/Checked by: Date: 8-17-17 NCRs (Y/N)?

Event ID: SMP- Biscayne bay Run (1/5)

SE-DIST-2017-08-17-01 (SMP)

Date Received: 17-AUG-2017 09:30

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

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ No_____

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_____

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: _____

Additional Comments: