

RQ- 2019-03-18-46

Log-in Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 3-20-19/9:50

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>1.3</u>			<u>14</u>		☒			
<u>-0.1</u>			<u>16</u>		☒			

* 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), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****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 ☒ Date

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 REQUIRED? (Blue dot on container) Yes ☐ No ☐ Init:

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 ☒ No ☐ NA ☐ Init: SR

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

Coolers Unpacked/Checked by: SR Date: 3-20-19 NCRs (Y/N)? N

Event ID: SMP- Biscayne
SE-DIST-2019-03-20-02 (SMP)

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:	REC_02_2018EXP:4/27/19
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	8261 EXP: 07/2021

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 _____ 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

SMP- Biscayne

last revised Jan 25, 2018

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Matthew Sewell

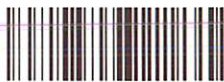
Project ID: SMP

Collected By:

Drew L. d. c. w.

Sampling Agency:

21FIWPS

Location:	Atlantic Ocean (WBID 8089 ENRG7)	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/19/19 Time 9:00	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
WIN ID/Field ID:	 G4SE0104	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.96	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	B
Temp (C)	26.1	pH	8.05	Sample Depth	0.3	
Salinity (ppt)	36.80	Comments				
Location:	Atlantic Ocean (WBID 8088 ENRG7)	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/19/19 Time 1130	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN ID/Field ID:	 G4SE0103	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.46	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	B
Temp (C)	26.2	pH	8.15	Sample Depth	0.3	
Salinity (ppt)	36.20	Comments				
Location:	Atlantic Ocean (WBID 8088 ENRG6)	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/19/19 Time 1030	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN ID/Field ID:	 G4SE0102	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.13	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	B
Temp (C)	25.9	pH	8.07	Sample Depth	0.3	
Salinity (ppt)	35.84	Comments				
Location:	Atlantic Ocean (WBID 8089 ENRG6)	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/19/19 Time 930	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN ID/Field ID:	 G4SE0105	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.28	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	B
Temp (C)	26.0	pH	8.14	Sample Depth	0.3	
Salinity (ppt)	35.92	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
MJS	3/19 1700	fedex	2	SK	3-20-19/9:50

SMP- Biscayne

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By: Matt Sewell

Project ID: SMP

Collected By: Drew LaddSampling Agency: 21 FWPB

Location	Location: C-111 West		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2) <u>A</u>
Field ID	WIN ID/Field ID: 	☒ Grab	Date <u>3/19/19</u> Time <u>1300</u>	Central	Date _____ Time _____		
WIN/STC		Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>1.87</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C) <u>24.9</u> pH <u>7.61</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>627</u>	
				Salinity (ppt) <u>0.37</u>	Comments		
Location	C-111 West		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) <u>B</u>
Field ID	G4SE0127-DUP	☒ Grab	Date <u>3/19/19</u> Time <u>1305</u>	Central	Date _____ Time _____		
WIN/STORET #	G4SE0127	Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C) _____ pH _____	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) _____	
				Salinity (ppt) _____	Comments		
Location	C-111 West		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) <u>C</u>
Field ID	FB-19032019	☒ Grab	Date <u>3/19/19</u> Time <u>1310</u>	Central	Date _____ Time _____		
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc) <u>Field Blank</u>	Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C) _____ pH _____	Sample Depth _____	Sp. Conductance (umho/cm) _____	
				Salinity (ppt) _____	Comments		
Location			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID		☐ Grab	Date _____ Time _____	Central	Date _____ Time _____		
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth _____	Sp. Conductance (umho/cm)
				Salinity (ppt)	Comments		

Relinquished By: <u>MS</u>	Date/Time: <u>3/19/19 1300</u>	Shipping Method: <u>Fedex</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>SR</u>	Date/Time: <u>3/20/19/9:50</u>
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Group: B	Bottle Type:	# of Bottles: 0	Preservative:	Enter Number of Bottles Sent to Lab _____
	ALKALINITY			
	ALKALINITY			
	ALKALINITY			
	CHLSUITE-W			
	CHLSUITE-W			
	ENT-24-QT			
	SE-PCE-ECQ			
	TURBIDITY			
	TURBIDITY			
	TURBIDITY			
	W-BR-IC			
	W-CL-IC			
	W-CL-IC			
	W-COLOR			
	W-COLOR			
	W-F			
	W-F			
	W-F			
	W-NH3			
	W-NH3			
	W-NH3			
	W-NO2NO3			
	W-NO2NO3			
	W-NO2NO3			
	W-PO4-F			
	W-PO4-F			
	W-PO4-F			
	W-S-A-TP			
	W-S-A-TP			
	W-S-A-TP			
	W-SO4-IC			
	W-SO4-IC			
	W-TDS			
	W-TDS			
	W-TKN			
	W-TKN			

Group: B

Bottle Type:

of Bottles: 0

Preservative:

Enter Number of Bottles Sent to Lab

W-TKN

W-TOC

W-TOC

W-TOC

W-TSS

W-TSS

W-TSS

Date of Request: 18-MAR-2019
 Created By: SEWELL_M On: 18-MAR-2019
 Modified By: WATTS_J On: 18-MAR-2019
 Customer: SE-DIST
 Project: SMP
 Division:
 District: Southeast District
 Sampling Event: SMP- Biscayne

Send Coolers To:

Phone: (772) 4485883
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Program Module Number:
 Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-MAR-2019
 Biology Request Reviewed By: WATTS_J On: 18-MAR-2019
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 18-MAR-2019
 Received By:

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: Bottle Group A: G4SE0127
 Bottle Group B: Marine Sites and/or Dupe
 Bottle Group C: Blank

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
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 Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SE-PCE-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Quanti-Tray method by Pace Analytical Services in Pompano Beach
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
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: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 5 Samples:

Bottle Group B (Water) With 5 Samples:

Bottle Type: P-125ML	Number of Bottles: 5	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 Type: P-1L	Number of Bottles: 5	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide 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 using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 5	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 5	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 5	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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon 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



Do Not Lift Using This Tag

ORIGIN ID: TLHA (772) 467-5574
MATTHEW SEWELL
FLORIDA DEP-SOUTHEAST DISTRICT
2199 SOUTH ROCK ROAD

SHIP DATE: 17 JAN 19
ACTWGT: 35.00 LB MAN
CAD: 0446970/CAFE3211

FORT PIERCE, FL 34945
UNITED STATES US

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077
INU:
PO:

REF:

DEPT:

RMA: ||| |||||



FedEx
Express



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TRK#
0221

4751 8775 7138

36 TLHA

RETTIOMC MON-FRI
WED - 20 MAR 10:30A
PRIORITY OVERNIGHT

FL-US **32399**
TLH



#164016 03/19 565J1/46D3/23AD

551C2/774C/104C

EXP 07/19

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SHIP DATE: 11FEB19
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3211

Place print

ORIGIN ID: TLHA (772) 448-5885
DREW LIDDICK
FL DEP. C/O UNIVERSITY OF FLORIDA
2199 S ROCK RD
FORT PIERCE, FL 34945
UNITED STATES US

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

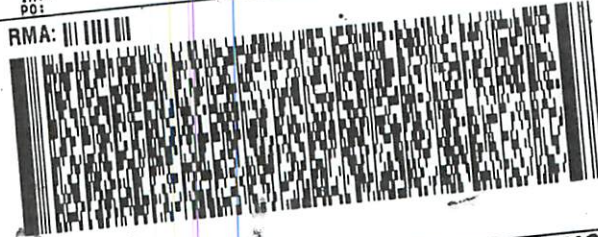
TALLAHASSEE FL 32399

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INV:
PO:

REF:

DEPT:

RMA:



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RETURNS MON-FRI
WED - 20 MAR 10:30A
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TRK# 4751 8776 6095
0221

36 TLHA

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#164016 03/19 565J1/46D3/23AD