

Log-in Checklist

RQ- 2018-06-04-37

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 09/19/18 @ 9:50a

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)
				Present?		*Intact?		
	HNO ₃	Formalin		Yes	No	Yes	No	
2.2°C			10		X			4385 5029 6667
1.6°C			10		X			4385 5029 6656

* 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 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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X Date

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X 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 X Init: W

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		

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

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

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

Coolers Unpacked/Checked by: Tyler R Date: 09/19/18 NCRs (Y/N)? N

Event ID: SMP- Biscayne NCR #

SE-DIST-2018-09-19-02 (SMP)
Date Received: 19-SEP-2018 09:
Page 1 of 2, 8/07/2018 RFF-4-3-3

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_05_2018
pH Paper 0.0 – 3.0 Lot #	230515EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SE-DIST

Project ID: SMP

Requester: Matt Sewell

Field Report Prepared By:

*Jordan Skaggs*Collected By: *Jordan Skaggs, Matt Sewell*

Sampling Agency:

ZIFLWPB

Location: Atlantic Ocean (WBID 8089 ENRG7)	WIN ID/Field ID:  G4SE0104	Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date <i>09/18/18</i> Time <i>13:00</i> Eastern Central Matrix (type, e.g., Salt, Fresh, etc) <i>SALT</i> Diss. Oxygen <i>5.91</i> ☒ mg/L ☐ % sat Temp (C) <i>31.3</i> pH <i>7.77</i> Sample Depth <i>0.3</i> ☐ ft ☒ m Sp. Conductance (umho/cm) <i>55216</i>	Composite end Date Time Total Res. Chlorine (mg/L) Bottle Group(s) <i>A</i>
Location: Atlantic Ocean (WBID 8089 ENRG6)	WIN ID/Field ID:  G4SE0105	Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date <i>09/18/18</i> Time <i>13:30</i> Eastern Central Matrix (type, e.g., Salt, Fresh, etc) <i>SALT</i> Diss. Oxygen <i>5.86</i> ☒ mg/L ☐ % sat Temp (C) <i>30.9</i> pH <i>7.95</i> Sample Depth <i>0.3</i> ☐ ft ☒ m Sp. Conductance (umho/cm) <i>55907</i>	Composite end Date Time Total Res. Chlorine (mg/L) Bottle Group(s) <i>A</i>
Location: Atlantic Ocean (WBID 8088 ENRG6)	WIN ID/Field ID:  G4SE0102	Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date <i>09/18/18</i> Time <i>14:30</i> Eastern Central Matrix (type, e.g., Salt, Fresh, etc) <i>SALT</i> Diss. Oxygen <i>6.23</i> ☒ mg/L ☐ % sat Temp (C) <i>30.9</i> pH <i>7.98</i> Sample Depth <i>0.3</i> ☐ ft ☒ m Sp. Conductance (umho/cm) <i>55942</i>	Composite end Date Time Total Res. Chlorine (mg/L) Bottle Group(s) <i>A</i>
Location: Atlantic Ocean (WBID 8088 ENRG7)	WIN ID/Field ID:  G4SE0103	Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date <i>09/18/18</i> Time <i>15:00</i> Eastern Central Matrix (type, e.g., Salt, Fresh, etc) <i>SALT</i> Diss. Oxygen <i>6.27</i> ☒ mg/L ☐ % sat Temp (C) <i>31.4</i> pH <i>7.84</i> Sample Depth <i>0.3</i> ☐ ft ☒ m Sp. Conductance (umho/cm) <i>55648</i>	Composite end Date Time Total Res. Chlorine (mg/L) Bottle Group(s) <i>A</i>

Relinquished By: <i>JS FDEP</i>	Date/Time <i>09/18/18</i>	Shipping Method <i>FedEx</i>	Number of Coolers Shipped: <i>2</i>	Received By: <i>Tyler K</i>	Date/Time <i>09/19/18 9:50</i>
------------------------------------	------------------------------	---------------------------------	--	--------------------------------	-----------------------------------

** collection time recorded on sample container. m*

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ENT-24-QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY TURBIDITY W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP-F						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3 W-NO2NO3 W-S-A-TP						

Cooler Packing Worksheet for Request: RQ-2018-06-04-37

SMP- Biscayne

Ship Cooler On: 5/25/2018

Customer/Project: SE-DIST/SMP

Assigned To: REAVES_S

Requester: Matt Sewell

Priority: 3

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

Attn: Matthew Sewell

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

Sampler Comments:

Bacteria samples go to TLH

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot #

00070298

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot #

1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI

Qty: 4 Preservation: ICE

Lot #

L18006

Description:

Analysis

ENT-24-QT

Description

Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00070684

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Description

Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 4 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00070298

Description: Plastic Bottle 1L

Analysis

ALKALINITY
TURBIDITY
W-F
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 0007068

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

00070684

Analysis

W-ICP

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Container ID: P-125ML

Qty: 1 Preservation: FILTER-HNO3

Lot # 00070886

Description: Plastic Bottle 125 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP-F

Description

Metals, dissolved, in filtered aqueous samples using ICP emission spectroscopy.

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00070684

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SR

Number of Coolers: 2

Date: 5-21-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-06-04-37

Date of Request: 03-MAY-2018
 Created By: SEWELL_M On: 03-MAY-2018
 Modified By: SWANSON_C On: 18-MAY-2018
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Sampling Event: SMP- Biscayne

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: 17-MAY-2018
 Biology Request Reviewed By: SWANSON_C On: 18-MAY-2018
 Sampling Kit Required: YES Ship on: 25-MAY-2018
 Sampling Kit Shipped: YES On: 21-MAY-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 04-JUN-2018
 Received By: REYNOLDS_T On: 19-SEP-2018

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:
 Bacteria samples go to TLH

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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 using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 4	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: 4	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: 4	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: 4	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 1 Samples:

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

Bottle Group B (Water) With 1 Samples:

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
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-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: 1	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: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Chromium		
Iron		
Zinc		
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-HNO3
W-ICP-F	Template:	(EPA 200.7 Rev. 4.4) Metals, dissolved, in filtered aqueous samples using ICP emission spectroscopy.
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		