Log-in Checklist

RQ- 2020-03-02-69 Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 3/ 17 /20 @ 10:00

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
1.1				12		✓			1278 4012 2057
0.2				8		✓			1278 4012 2046

* 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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes_____ No ✓

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an **NCR**.

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: KK

Chlorine detected? (One container checked per Field ID) Yes_____ No_____ Init:_____

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

**Acid Preserved Samples: pH≤ 2.0? Yes ✓ No ✓ NA_____ Init: KK

**W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes_____ No_____ NA ✓ Init: KK

Coolers Unpacked/Checked by: KK **Date:** 3/ 17 /20 **NCRs (Y/N)?** Y

Event ID: 2020 SMP : Wilderness Waterway SO-DIST-2020-03-17-01 (SMP) Date Received: 17-MAR-2020 10:00 **NCR #** 8234

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken
655D0026	WNH3, WNO2NO3, WSATP, WTKN, WTOC	PH220	Preserved with H2SO4 in lab @ 11:35 Lot# SA9203100 Exp: 7.22.20

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

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:11-5-20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	208717 EXP:3/31/20
Chlorine Test Strips Lot #	8261 EXP:7/2021

Additional Comments:

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: _____

Request Number: RQ-2020-03-02-69

2020 SMP : Wilderness Waterway

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: SMP

Requester: Chris Hormuth

Collected By: Gary Synorek

Field Report Prepared By: Nicole Reistad

Sampling Agency: SRWC

Field ID/WIN ID: G5SD0092

Location: ENRE10 Lopez River

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/16/20 Time 1100 Eastern/Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen: 5.64 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 25.6 | pH: 7.68 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 52,207

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt): 34.35 | Comments:

Field ID/WIN ID: G5SD0094

Location: ENRE11 Sunday Bay

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/16/20 Time 1130 Eastern/Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen: 5.15 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 26.1 | pH: 7.71 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 49190

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt): 32.12 | Comments:

Field ID/WIN ID: G5SD0093

Location: ENRE9 Lopez River

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/16/20 Time 1115 Eastern/Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen: 5.11 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 25.9 | pH: 7.68 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 50,100

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt): 32.79 | Comments:

Field ID/WIN ID: G5SD0026

Location: ENRE 11 at Huston Bay

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/16/20 Time 1150 Eastern/Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen: 6.36 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 25.5 | pH: 7.97 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 48,051

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt): 31.30 | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	3/16/20 1500	fedex	2	KK	3.17.20 / 1000

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 10	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
	SD-SND-ENQ SD-SND-FC				Sent to Sanders		
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	5
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				SA9301030 10/28/20		
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	5
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
	SD-SND-ENQ SD-SND-FC				Sent to Sanders		

Request Number: RQ-2020-03-02-69

2020 SMP : Wilderness Waterway

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: SMP

Requester: Chris Hormuth

Collected By: Gary Snarek

Field Report Prepared By: Nicole Reistad

Sampling Agency: SROC

Field ID/WIN ID G5SD0119

Location ENRE 9 Chatham River

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/16/20 Time 1200 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): SaH | Diss. Oxygen: 5.56 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 25.5 | pH: 7.90 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 48,803

Salinity (ppt): 31.85 | Comments:

Field ID G5SD0092_DUP

ENRE10 Lopez River

WIN ID G5SD0092

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/16/20 Time 1105 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen: ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): | pH: | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm):

Salinity (ppt): | Comments: Dup

Location | Field ID | WIN/STORET #

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): | pH: | Sample Depth: ☐ ft ☐ m | Sp. Conductance (umho/cm):

Salinity (ppt): | Comments:

Location | Field ID | WIN/STORET #

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): | pH: | Sample Depth: ☐ ft ☐ m | Sp. Conductance (umho/cm):

Salinity (ppt): | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
GS	3/16/20 1500	fedex	2	KK	3.17.20 / 1000

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 10	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	SD-SND-ENQ SD-SND-FC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** _____
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab** _____
	W-PO4-F					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	SD-SND-ENQ SD-SND-FC					

RQ-2020-03-02-69

Date of Request:	18-FEB-2020
Created By:	HORMUTH_C On: 18-FEB-2020
Modified By:	JASROTIA_P On: 19-FEB-2020
Customer:	SO-DIST
Project:	SMP
Division:	Division of Environmental Assessment and Restoration
District:	South District
Sampling Event:	2020 SMP : Wilderness Waterway

Send Coolers To:

Phone: 239-344-5610
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Chris Hormuth

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Chris Hormuth

Program Module Number:	
Priority:	3
Event Status:	S
Criminal Investigation:	NO
Chemistry Request Reviewed By:	WATTS_J On: 19-FEB-2020
Biology Request Reviewed By:	JASROTIA_P On: 19-FEB-2020
Sampling Kit Required:	YES Ship on: 24-FEB-2020
Sampling Kit Shipped:	YES On: 26-FEB-2020
Sampling Kit Packed By:	SHAIK_A
Preservatives Needed:	NO
Date to Receive Samples:	02-MAR-2020
Received By:	

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

Comments: Group A: (3289A,3289C, 3289D) Marine Nutrients, Entero, Fecal x4
Group B: Fecal and Entero Duplicate

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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 Rev. 2.1) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) 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-WI-THI	Number of Bottles: 10	Preserved With: ICE
SD-SND-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers
SD-SND-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by Sanders in Fort Myers
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-2011) Nonpurgeable Organic Carbon in aqueous matrices
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 Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
SD-SND-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers
SD-SND-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by Sanders in Fort Myers