

Log-in Checklist

RQ- 2019-07-08-40

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/31/19 @ 10:10

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	
1.7				18		✓			4751 8781 2021
2.5				12		✓			4751 8781 2032

* HNO₃ and Formalin preserved 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: HK

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: HK

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

Coolers Unpacked/Checked by: KK Date: 7/31/19

NCRs (Y/N)? N

Event ID: SO-DIST-2019-07-31-01 (SMP)
Date Received: 31-JUL-2019 10:10

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle TestID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle TestID(s)

Bottles Not Intact

Field ID	Bottle TestID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle TestID(s)	Action Taken

Infrared Thermometer ID:	REC_07_2018 EXP:12/28/19
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	222516 EXP:9/15/19
Chlorine Test Strips Lot #	091417V EXP:9/2021

Additional Comments:

ENCORE SAMPLES

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

Were Encore samples received? Yes X 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: _____

Keys

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By: Greg Sisk

Project ID: SMP

Collected By: John BarrySampling Agency: 8082 SEOC

Field ID/WIN ID G5SD0067	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/30/19</u> Time <u>1020</u>	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Location 8079 @ENRG3 StockIsland	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>5.98</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Temp (C) <u>30.7</u>	pH <u>8.12</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54302</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.75</u>	Comments		
Field ID/WIN ID G5SD0109	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/30/19</u> Time <u>1030</u>	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Location 67 Resample	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>6.15</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>	A
Temp (C) <u>30.7</u>	pH <u>8.10</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54207</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.86</u>	Comments		
Field ID/WIN ID G5SD0063	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/30/19</u> Time <u>1055</u>	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Location 8073 @ENRG4 WofKeywest#1	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>5.88</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>	A
Temp (C) <u>31.0</u>	pH <u>8.12</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54385</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.80</u>	Comments		
Field ID/WIN ID G5SD0081	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/30/19</u> Time <u>1120</u>	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Location 8073 @ENRG4 WofKeywest#2	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>5.86</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Temp (C) <u>30.8</u>	pH <u>8.12</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54169</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.65</u>	Comments		

Relinquished By: Greg Sisk

Date/Time

7/30/19 1550

Shipping Method

Feds

Number of Coolers Shipped:

2

Received By:

KK

Date/Time

7.31.19 / 10:40

Group: A	Bottle Type:	P-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ENT-24-QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 20	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 20	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	7
	W-PO4-F						

Keys

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By: Grayson

Project ID: SMP

Collected By: John BerrydonSampling Agency: 8052 JRC

Field ID/WIN ID G5SD0083	☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>7/30/19</u> Time <u>1150</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Location 8073 @ENRG6 Out@Reef #2	Matrix (type, e.g., Salt, Fresh, etc) <u>Sea</u>	Diss. Oxygen <u>6.22</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>	A
Temp (C) <u>30.4</u>	pH <u>8.17</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54085</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.66</u>	Comments		
Field ID/WIN ID G5SD0064	☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>7/30/19</u> Time <u>1205</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Location 8073 @ENRG6 Out@Reef #1	Matrix (type, e.g., Salt, Fresh, etc) <u>Sea</u>	Diss. Oxygen <u>6.18</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>	A
Temp (C) <u>30.4</u>	pH <u>8.12</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54119</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.62</u>	Comments		
Field ID/WIN ID G5SD0110	☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>7/30/19</u> Time <u>1330</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Location 64 Resample	Matrix (type, e.g., Salt, Fresh, etc) <u>Sea</u>	Diss. Oxygen <u>6.19</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>	A
Temp (C) <u>30.6</u>	pH <u>8.11</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54126</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>35.62</u>	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	<u>Eastern</u> 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	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: Grayson

Date/Time

7/30/19 1950

Shipping Method

Feleg

Number of Coolers Shipped:

2

Received By:

KK

Date/Time

7.31.19 / 1010

Group: A	Bottle Type:	P-1L	# of Bottles: 20	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: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ENT-24-QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 20	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: 20	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Date of Request: 17-JUN-2019
 Created By: DUGAN_M On: 17-JUN-2019
 Modified By: WATTS_J On: 18-JUN-2019
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: Keys

Send Coolers To:

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

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-JUN-2019
 Biology Request Reviewed By: JASROTIA_P On: 18-JUN-2019
 Sampling Kit Required: YES Ship on: 28-JUN-2019
 Sampling Kit Shipped: YES On: 27-JUN-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 08-JUL-2019
 Received By: REYNOLDS_T On: 30-JUL-2019

Send Final Report To:

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

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

Comments: Group A: Marine Freshwater, Entero x 15
 (including 1 Blank+1 Duplicate)

1 - case of sulfuric/2 sets of labels

Bottle Group A (Water) With 20 Samples:

Bottle Type: P-1L	Number of Bottles: 20	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-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: 20	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: 20	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: 20	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: 20	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