RQ-2018-05-28-12

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | (HD) | Greyhound | _____ Date/Time of Receipt: 6-14-18 / 1:04

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape Present? Yes	Evidence Tape Present? No	*Intact? Yes	*Intact? No	Tracking # (fill out only if waybill copy is damaged)
Red	0.8	12		✓			

*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____ 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		

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: 6-14-18 NCRs (Y/N)? N

Event ID: WAS-SECT-20180614-01 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

Infrared Thermometer ID:	REC_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	033117L EXP:03/21

Additional Comments:

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: _____

Request Number: RQ-2018-05-28-12

East River, Dickson Bay, St. Marks

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Ben Rabys, Phil Homann

Field Report Prepared By: Ben Rabys

Sampling Agency: FDEP

Dickson Bay North — WIN-ID / Field ID: G1WA0062

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6/14/18 Time 930 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen 81.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 28.02 | pH 8.04 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 46,042

Latitude 29.98847 ☒ dd ☐ dms | Longitude -84.35098 ☒ dd ☐ dms | Salinity (ppt) 29.77 | Comments

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Dickson Bay South — WIN-ID / Field ID: G1WA0063

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6/14/18 Time 950 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen 73.3 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 27.97 | pH 7.77 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 45,610

Latitude 29.98033 ☒ dd ☐ dms | Longitude -84.35245 ☒ dd ☐ dms | Salinity (ppt) 29.46 | Comments

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Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time (Eastern / 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 | Sp. Conductance (umho/cm)

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

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Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time (Eastern / 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 | Sp. Conductance (umho/cm)

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

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Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Ben Rabys	6/14/18	Delivered	1		6/14 1304

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ENT-24-QT						
Group: A	Bottle Type:	P-120ML-OC	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	FCOLI-MF						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4 Sulfuric Lot: SA8085170 Exp. 03/26/19	Enter Number of Bottles Sent to Lab	2
	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	2
	W-PO4-F						

RQ-2018-05-28-12

Date of Request: 16-APR-2018
Created By: MUSSON_C On: 16-APR-2018
Modified By: WATTS_J On: 04-JUN-2018
Customer: WAS-SECT
Project: SMP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: East River, Dickson Bay, St. Marks

Send Coolers To:

Phone: 850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399
Attn: Curtis Musson

Send Final Report To:

2600 Blair Stone Rd

Tallahassee, FL 32399
Attn: Curtis Musson

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 04-MAY-2018
Biology Request Reviewed By: SWANSON_C On: 09-MAY-2018
Sampling Kit Required: YES Ship on: 24-MAY-2018
Sampling Kit Shipped: YES On: 22-MAY-2018
Sampling Kit Packed By: WHITE_R
Preservatives Needed: NO
Date to Receive Samples: 11-JUN-2018
Received By:

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

Comments: Group A: Marine Kit, Fecal, ENTERO

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 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: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	
Bottle Type:		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-120ML-OC		Number of Bottles: 4	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems	
Bottle Type: P-500ML		Number of Bottles: 4	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: 4	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	

Cooler Packing Worksheet for Request: RQ-2018-05-28-12
East River, Dickson Bay, St. Marks
Ship Cooler On: 5/24/2018
Customer/Project: WAS-SECT/SMP

Assigned To: KLUG_K
Requester: Curtis Musson
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Please return packing list with sample submittal forms.

Comments:
No preservatives needed.

Group A: Marine Kit, Fecal, ENTERO

Requested Analyses:

Bottle Group: A **# of Sites: 4**

***Container ID:* P-1L** **Qty: 4** **Preservation: ICE** **Lot #** 00871006
Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	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	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI **Qty: 4** **Preservation: ICE** **Lot #** L180006
Description:

Analysis	Description
ENT-24-QT	Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Container ID: P-120ML-OC **Qty: 4** **Preservation: ICE** **Lot #** 6A2C

Description: Plastic Micro 120 ml Sterilized Orange Cap WO tablet

Analysis	Description
FCOLI-MF	Fecal coliforms by membrane filter method - non-chlorinated water systems

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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	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 4** **Preservation: FILTER-ICE** **Lot #** 00070886

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: KK Number of Coolers: 2 Date: 5/24/18

Kit must also include:
- J Field Sheets
- J Temperature Control Bottle
- J FedEx Bills, if applicable
- J 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-2018-05-28-12