

Log-in Checklist

RQ- **2018-06-18-50**

Login Station ID: **# 3**

Shipping Method: FedEx [UPS **HD**] Greyhound | Date/Time of Receipt: **07/19/2018 / 14:04**

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
RED	2.8C	14		X			

*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 **X** 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 **X** No ****Containers intact?** Yes **X** No

****Sufficient Sample Volume:** Yes **X** No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No **X** Init: **ABS**

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 **X** No **X** NA Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS** Date: **07/19/2018** NCRs (Y/N)? **88**

Event ID: **TLH-ROC-2018-07-19-02** NCR # **7140**

Log-in Checklist

Contains: 1.1 H2SO4
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken
BLANK_07192018 2009372	W-HG3, NODW3	>2	Preserve in Lab 7-19-18

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_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	8062 EXP:2020/12

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: _____

Run 2

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: J. Burdett, C. Green

Project ID: SMP

Collected By: C. Green

Sampling Agency: SCSH

Location	St Marks River Down Stream From Rise		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/19/18 Time 1315	Eastern Central	Composite end Date - Time -	Bottle Group(s) (See pg 2)
Field ID	Field ID →		Matrix (type, e.g., Salt, Fresh, etc) F01		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STO	Field ID →		Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)
Latitude	BLANK_07192018 ☐ dms		☐ dd ☐ dms		Comments: NO: CHL SUITE, ECOLI. Aug 7-19-18		
Location	St Marks River Down Stream From Rise		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/19/18 Time 1300	Eastern Central	Composite end Date - Time -	Bottle Group(s)
Field ID	Field/WIN ID →		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location ↓		Temp (C) 21.61	pH 7.40	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 257
Latitude	St Marks River Down Stream From Rise		☐ dd ☐ dms		Comments: Added Algae-ID to sample		
Location	St Marks River Down Stream From Rise		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/19/18 Time 1305	Eastern Central	Composite end Date - Time -	Bottle Group(s)
Field ID	Field ID →		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STC	Location →		Temp (C) 21.61	pH 7.40	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 257
Latitude	WIN ID →		☐ dd ☐ dms		Comments		
Location	St Marks River Down Stream From Rise		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/19/18 Time 1305	Eastern Central	Composite end Date - Time -	Bottle Group(s)
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WIN/STC	Location →		Temp (C) 21.61	pH 7.40	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 257
Latitude	WIN ID →		☐ dd ☐ dms		Comments		

Relinquished By: JB, CG	Date/Time: 7/19/18 1404	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: AG	Date/Time: 7-19-18 11404
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Group: A	Bottle Type: P-1L	# of Bottles: 9	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 9	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
CHLSUITE-W				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 9	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
ECOLI-18QT				
Group: A	Bottle Type: P-500ML	# of Bottles: 9	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>3</u>
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				
H2SO4 LOT# SA8085170 EXP: 03/26/19				
Group: A	Bottle Type: P-125ML	# of Bottles: 9	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>3</u>
W-PO4-F				

A : Algae ID : 1 : Ice : 1

Date of Request: 05-JUN-2018
 Created By: ECKLES_M On: 05-JUN-2018
 Modified By: SWANSON_C On: 07-JUN-2018
 Customer: TLH-ROC
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Not Applicable
 Sampling Event: Run 2

Send Coolers To:

Phone: 850-245-7586
 2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles

Program Module Number: 0100
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 05-JUN-2018
 Biology Request Reviewed By: SWANSON_C On: 07-JUN-2018
 Sampling Kit Required: YES Ship on: 14-JUN-2018
 Sampling Kit Shipped: YES On: 08-JUN-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 18-JUN-2018
 Received By: SHAIK_A On: 19-JUL-2018

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

Comments: Group A freshwater nutrients w/bacteria

 WBID 3556, 3573A 3573B 3573Z 3574 3577 3603 3674

 No fedex labels

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-1L	Number of Bottles: 9	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: 9	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: 9	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Collert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 9	Preserved With: ICE And H₂SO₄
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: 9	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