

Log-in Checklist

RQ- 2018-04-30-25

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound | _____

Date/Time of Receipt: 5-7-18

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	1.9	14		✓			

*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 5-7-18

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 (Blue dot on container)

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: 5-7-18 NCRs (Y/N)? ☐

Event ID: TLH-RQC-2018-05-07-01 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

Additional Comments:

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:8-15-19
Chlorine Test Strips Lot #	091417V EXP:09/21

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: _____

kit D-b (WBID 1274 Apalachicola Bay)

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: 8034

Project ID: SMP

Collected By:

J. Tolbert, J. Burtchett

Sampling Agency:

J. Burtchett

Location	☐ Comp ☒ Grab		Collection (comp begin or grab)	Eastern ☒ Central ☐	Composite end	Bottle Group(s)
Field ID	Date <u>05/07/18</u> Time <u>1055</u>		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	(See pg 2)
WIN/STO	Temp (C) <u>23.79</u> pH <u>7.27</u>		<u>fresh salt</u>	<u>7.20</u>	<u>-</u>	
Latitude	Salinity (ppt) <u>23.92</u>		Sample Depth	Sp. Conductance		
Location		Comments				
Field/WIN ID →  G2TLHR0035		Date <u>05/07/18</u> Time <u>1155</u>		Eastern ☒ Central ☐	Composite end	Bottle Group(s)
Location ↓		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine	(See pg 2)
Apalachicola Bay 1200m south of US98 Bridge		<u>salt</u>		<u>8.41</u>	<u>-</u>	
Temp (C) <u>24.71</u> pH <u>8.18</u>		Sample Depth		Sp. Conductance		
Salinity (ppt) <u>15.52</u>		Comments				
Location		Collection (comp begin or grab)		Eastern ☐ Central ☐	Composite end	Bottle Group(s)
Field ID		Date		Central	Date	Time
WIN/STO		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine	(See pg 2)
Apalachicola Bay near St. George Island		<u>salt</u>		<u>8.41</u>	<u>-</u>	
Temp (C) <u>24.71</u> pH <u>8.18</u>		Sample Depth		Sp. Conductance		
Salinity (ppt) <u>15.52</u>		Comments				
Location		Collection (comp begin or grab)		Eastern ☐ Central ☐	Composite end	Bottle Group(s)
Field ID		Date		Central	Date	Time
WIN/STO		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine	(See pg 2)
Apalachicola Bay near St. George Island		<u>salt</u>		<u>8.41</u>	<u>-</u>	
Temp (C) <u>24.71</u> pH <u>8.18</u>		Sample Depth		Sp. Conductance		
Salinity (ppt) <u>15.52</u>		Comments				

Relinquished By: <u>JB, JT</u>	Date/Time: <u>05/07/18 13:135</u>	Shipping Method: <u>HD</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>92</u>	Date/Time: <u>5/7/18 14:00</u>
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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:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	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						

Date of Request: 29-MAR-2018
 Created By: GREEN_C On: 29-MAR-2018
 Modified By: SWANSON_C On: 09-APR-2018
 Customer: TLH-ROC
 Project: SMP
 Division:
 District: Not Applicable
 Sampling Event: kit D-b (WBID 1274 Apalachicola Bay)

Send Coolers To:

Phone: 850-245-8453
 2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Chris Green

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 09-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 09-APR-2018
 Sampling Kit Required: YES Ship on: 26-APR-2018
 Sampling Kit Shipped: YES On: 23-APR-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 30-APR-2018
 Received By: GREENWOO_J On: 07-MAY-2018

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

Comments:**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:	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: HNO ₃
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		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		
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

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE And H2SO4
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