

Log-in Checklist

RQ- ~~2018~~ **12-31-29**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **02/27/2019 / 14:17**

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
2.9C			16		X			

* 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), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked below, fill out the back of this form (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		
W-PFAS-MS					

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

****Acid Preserved Samples:** pH ≤ 2.0? Yes **X** No 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 / HK** Date: **02-27-2019** NCRs (Y/N)? **X**

Run 2
Event ID **TLH-RQC-2019-02-27-01 (SMP)** NCR #
Date Received: **27-FEB-2019 14:20**

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 03 2018
pH Paper 0.0 – 3.0 Lot #	220416AEXP:7/30/20
pH Paper 0 – 13 Lot #	21551 EXP:06/01/20
Chlorine Test Strips Lot #	8261EXP:2021/07

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: _____

Florida Department of Environmental Protection Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Field Report Prepared By:

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/27/19 Time 1135		☒ Eastern ☐ Central		Composite end Date — Time —		Bottle Group(s) (See pg 2)	
Field II	Field/WIN ID →	G1TLHR0007		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 2.17		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —	
WIN/S	Location ↓	MIDDLE WARRIOR CREEK		Temp (C) 16.5		pH 6.72		Sample Depth 0.3		Sp. Conductance (umho/cm) 148	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.07		Comments				B	
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/27/19 Time 1215		☒ Eastern ☐ Central		Composite end Date — Time —		Bottle Group(s)	
Field ID	Field/WIN ID →	G1TLHR0065		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.29		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —	
WIN/STOF	Location ↓	Steinhatchee River 40m N of Yearling Rd		Temp (C) 17.6		pH 7.37		Sample Depth 0.3		Sp. Conductance (umho/cm) 187	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.09		Comments				B	
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/27/19 Time 1240		☒ Eastern ☐ Central		Composite end Date — Time —		Bottle Group(s)	
Field ID	Field/WIN ID →	G1TLHR0064		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.24		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —	
WIN/STC	Location ↓	Steinhatchee River @ S Canal Rd		Temp (C) 17.4		pH 7.25		Sample Depth 0.3		Sp. Conductance (umho/cm) 159	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.08		Comments				C	
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		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

JB, CG

2/27/19 1417

HD

1

JB

2-27-19/1417

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ENT-24-QT					
Group: A	Bottle Type:	P-120ML-OC	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	FCOLI-MF					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
ECOLI-18QT						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
SAS274050 10/1/19						
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
W-PO4-F						
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ECOLI-18QT						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
W-ICP W-ICPMS						
8344050 12/10/19						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3 W-NO2NO3 W-S-A-TP W-TKN						

Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-TOC			8274060 10/11/19	1
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				1

Date of Request: 17-DEC-2018
 Created By: ECKLES_M On: 17-DEC-2018
 Modified By: JASROTIA_P On: 17-DEC-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: 17-DEC-2018
 Biology Request Reviewed By: JASROTIA_P On: 17-DEC-2018
 Sampling Kit Required: YES Ship on: 27-DEC-2018
 Sampling Kit Shipped: YES On: 26-DEC-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 31-DEC-2018
 Received By: KLUG_K On: 08-JAN-2019

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

Comments: Group A WBID 3699A 2 sites

 Group B WBID 3556 & 3573B

 Group C WBID 3573A

 No fedex labels

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	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: 2	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: 2	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: 2	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
Aluminum		
Iron		
Manganese		
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
Antimony		

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
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
Chromium
Copper
Lead
Nickel
Selenium
Silver
Thallium

Bottle Type: P-500ML	Number of Bottles: 2	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: 2	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 2 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 2	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: P-500ML	Number of Bottles: 2	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: 2	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 Type: P-1L	Number of Bottles: 2	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-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-SO4-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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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-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-SO4-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 Group C (Water) With 1 Samples:

Bottle Type: BP-1L CHLSUITE-W	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI ECOLI-18QT	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML W-ICP	Template:	Number of Bottles: 1	Preserved With: HNO3 (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Aluminum			
Barium			
Calcium			
Iron			
Magnesium			
Potassium			
Sodium			
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
*Boron			
Antimony			
Arsenic			
Cadmium			
Chromium			
Copper			
Lead			
Nickel			
Selenium			
Silver			
Thallium			
Bottle Type: P-500ML W-NH3	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE And H2SO4 (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 W-PO4-F	Template: DEFAULT	Number of Bottles: 1	Preserved With: FILTER-ICE (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.