

RQ- 2018-05-14-31

Log-in Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | Greyhound | _____Date/Time of Receipt: 5-17-18 / 3:21

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	3.0	10		✓			
Red	0.4	15		✓			

*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 (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: 5-17-18

NCRs (Y/N)? N

Event ID: TLH-ROC+2018-05-17-03

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 #	033117L EXP:03/21

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Chris Green

Project ID: SMP

Collected By: Chris Green/Son WoodsSampling Agency: 8034

Location	Field/WIN ID →  G2TLHR0011	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-17-18</u> Time <u>10:30</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	Location →  CHIPOLA RIVER	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>7.49</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A
WIN/ST	Latitude _____ Longitude _____	Temp (C) <u>22.98</u>	pH <u>7.87</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>263.3</u>	
Latitude	Field/WIN ID →  G2TLHR0016	☐ dd ☐ dms	Salinity (ppt) <u>0.12</u>	Comments		A
Field ID	Location ↓  CHIPOLA RIVER @ MAGNOLIA R	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-17-18</u> Time <u>11:35</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	
WIN/ST	Latitude _____ Longitude _____	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>7.62</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A
Latitude	Field/WIN ID →  G2TLHR0009	Temp (C) <u>23.67</u>	pH <u>7.69</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>281.3</u>	
Field ID	Location ↓  BLUE HOLE SPRING @ CAVERN	☐ dd ☐ dms	Salinity (ppt) <u>0.13</u>	Comments		A
WIN/ST	Latitude _____ Longitude _____	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-17-18</u> Time <u>12:15</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	
Latitude	Field/WIN ID →  G2TLHR0007	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>11.07</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A
Field ID	Location ↓  MARSHALL CREEK @ SR2	Temp (C) <u>22.74</u>	pH <u>7.62</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>319</u>	
WIN/ST	Latitude _____ Longitude _____	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5-17-18</u> Time <u>12:50</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	A
Latitude	Field/WIN ID →  G2TLHR0007	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>6.82</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
Field ID	Location ↓  MARSHALL CREEK @ SR2	Temp (C) <u>22.87</u>	pH <u>7.63</u>	Sample Depth <u>0.25</u>	Sp. Conductance (umho/cm) <u>211.1</u>	A
WIN/ST	Latitude _____ Longitude _____	☐ dd ☐ dms	Salinity (ppt) <u>0.25</u>	Comments		

Relinquished By: <u>C. Green</u>	Date/Time: <u>5-17-18/15:20</u>	Shipping Method: <u>Hand</u>	Number of Coolers Shipped: _____	Received By: <u>SR</u>	Date/Time: <u>5-17-18/3:21</u>
----------------------------------	---------------------------------	------------------------------	----------------------------------	------------------------	--------------------------------

Group: A	Bottle Type: P-1L	# of Bottles: 25	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</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: 25	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>
CHLSUITE-W				

Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 25	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>
ECOLI-18QT				

Group: A	Bottle Type: P-500ML	# of Bottles: 25	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>4</u>
W-NH3				
W-NO2NO3				
W-S-A-TP				
W-TKN				
W-TOC				

SA 7163030
6/12/18

Group: A	Bottle Type: P-125ML	# of Bottles: 25	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>4</u>
W-PO4-F				

kit A w/ bacteria

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: C. Green

Project ID: SMP

Collected By:

Chris Green / Jon Woods

Sampling Agency:

8034

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5-17-2018 Time 13:15		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field/WIN ID → Location ↓		G2TLHR0037		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.60		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN		RUSS MILL CREEK @ UNION RD		Temp (C) 22.46		pH 7.76		Sample Depth 0.1		Sp. Conductance (umho/cm) 272.4	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.13		Comments					
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	
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	
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: C. Green	Date/Time: 5-17-18 / 15:20	Shipping Method: Hand	Number of Coolers Shipped:	Received By: SR	Date/Time: 5-17-18 / 3:21
---------------------------	----------------------------	-----------------------	----------------------------	-----------------	---------------------------

Group: A	Bottle Type: P-1L	# of Bottles: 25	Preservative: ICE	Enter Number of Bottles Sent to Lab
ALKALINITY				
TURBIDITY				
W-CL-IC				
W-COLOR				
W-F				
W-SO4-IC				
W-TDS				
W-TSS				

Group: A	Bottle Type: BP-1L	# of Bottles: 25	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W				

Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 25	Preservative: ICE	Enter Number of Bottles Sent to Lab
ECOLI-18QT				

Group: A	Bottle Type: P-500ML	# of Bottles: 25	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: 25	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F				

SA 7163030
6-12-18

Date of Request: 23-APR-2018
 Created By: GREEN_C On: 23-APR-2018
 Modified By: SWANSON_C On: 24-APR-2018
 Customer: TLH-ROC
 Project: SMP
 Division:
 District: Not Applicable
 Sampling Event: kit A w/ bacteria

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: 23-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 24-APR-2018
 Sampling Kit Required: YES Ship on: 10-MAY-2018
 Sampling Kit Shipped: YES On: 06-MAY-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 14-MAY-2018
 Received By: REAVES_S On: 17-MAY-2018

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

Comments: no FedEx bills
 no zip ties

Bottle Group A (Water) With 25 Samples:

Bottle Type: P-1L	Number of Bottles: 25	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-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: 25	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: 25	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: 25	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: 25	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