

kit A w/ bacteria

Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 01/29/18 Time 1145	Eastern Central	Composite end Date - Time -	Bottle Group(s) (See pg 2)
Field ID	Field/WIN ID Location	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 8.91	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location	Temp (C) 16.30	pH 7.72	Sample Depth 0.15	Sp. Conductance (umho/cm) 205
Latitude	CHIPOLARIVER@MAGNOLIARD ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.10	Comments	
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 01/29/18 Time 1225	Eastern Central	Composite end Date - Time -	Bottle Group(s)
Field ID	Field/WIN ID Location	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.04	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location	Temp (C) 18.26	pH 7.46	Sample Depth 0.3	Sp. Conductance (umho/cm) 306
Latitude	Blue Hole Spring @ Caverns State Park ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.15	Comments	
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 01/29/18 Time 1230	Eastern Central	Composite end Date - Time -	Bottle Group(s)
Field ID	Field/WIN ID Location	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.04	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location	Temp (C) 18.26	pH 7.46	Sample Depth 0.3	Sp. Conductance (umho/cm) 306
Latitude	Blue Hole Spring @ Caverns State Park ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.15	Comments DUPE	
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 01/29/18 Time 1235	Eastern Central	Composite end Date - Time -	Bottle Group(s)
Field ID	Field/WIN ID Location	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Latitude	QA/QC FIELD BLANK CARBOY ☐ dms	☐ dd ☐ dms	Salinity (ppt)	Comments Field BLANK (Carboy)	

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

JB, JT

1/29/18:1546

HD

1

4.0

1/29/18 3:48

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				
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 3, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Burtchett

Project ID: SMP

Collected By: J. Tolbert, J. Burtchett

Sampling Agency: 8034

Location Russ Mill GK @ Union rd		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 01/29/18 Time 1320		☒ Eastern ☐ Central	Composite end Date — Time —		Bottle Group(s) (See pg 2) A
Field ID G2TLHR0037		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 8.56	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —		
WIN/STORET # G2TLHR0037		Temp (C) 16.31	pH 7.78		Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 204	
Latitude 30.8523	☐ dd ☐ dms	Longitude 85.3417	☐ dd ☐ dms	Salinity (ppt) 0.10	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 01/29/18 Time 1400		☒ Eastern ☐ Central	Composite end Date — Time —		Bottle Group(s) A
Field ID Location G2TLHR0007		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.80	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —		
WIN/STORET #		Temp (C) 15.53	pH 7.3		Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 143	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.07	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	☐ ft ☐ m	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	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: JB, JT	Date/Time 1/29/18 1546	Shipping Method HD	Number of Coolers Shipped: 1	Received By: J.B.	Date/Time 1/29/18 3:48
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: A	Bottle Type:	BP-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	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	<u>2</u>
	W-PO4-F						

Date of Request: 10-JAN-2018
 Created By: GREEN_C On: 10-JAN-2018
 Modified By: SWANSON_C On: 11-JAN-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: 11-JAN-2018
 Biology Request Reviewed By: SWANSON_C On: 11-JAN-2018
 Sampling Kit Required: YES Ship on: 26-JAN-2018
 Sampling Kit Shipped: YES On: 25-JAN-2018
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 29-JAN-2018
 Received By: GREENWOO_J On: 29-JAN-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 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
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 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 365.1 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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2018-01-29-48

Shipping Method: HS

Date/Time of Receipt: 1-29-18/3:48

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 Red	7.9 7.3	20 10		☒			

*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 ☐

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-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CL-R		

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: 1-29-18 NCRs (Y/N)? ☐

Event ID: TUH-RQC-2018-01-29-01 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

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 ☐ No ☐

If 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: _____

Additional Comments: