Log-in Checklist

RQ- 2019 - 04 - 08 - 12 Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 04-12-2019 / 10:10

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
2.4C				10		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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above standard temperature without customer notification/confirmation.**

****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 X No_____

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 Date: 04-12-2019 NCRs (Y/N)? N

Event ID: SW-DIST - 2019 - 04 - 12 - 0 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

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 #	8261 EXP:2021/07

Additional Comments:

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 within48 hours? Yes_____ No_____

Date and time samples preserved: _____

Request Number: RQ-2019-04-08-12

SMP - Alafia, Alafia, 30 Mile, and McDonalds

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: J Ashton & S Meyer

Field Report Prepared By: S Meyer

Sampling Agency: FDEP SW ROC

Field ID/WIN G2SW0045

Site Name: Alafia River @ Center Ave

Location — Field Il — WIN/S — Latitud — ☐ dms ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04/11/2019 Time 11 20 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.54 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 24.3 | pH 7.72 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 516

Salinity (ppt) 0.25 | Comments: E.COLI DROPPED OFF D BENCHMARK

Field ID/WIN G2SW0046

Site Name: Thirtymile Creek @ Nichols Rd.

Location — Field — WIN — Latit — ☐ dms ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04/11/2019 Time 1000 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.47 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 20.4 | pH 7.21 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 382.2

Salinity (ppt) 0.18 | Comments: E.COLI DROPPED OFF D BENCHMARK

Field ID/WIN G2SW0047

Site Name: Thirtymile Creek @ Train Tracks Mosiac

Location — Fie — WII — Lati — ☐ dms ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04/11/2019 Time 9 35 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.79 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 19.9 | pH 7.57 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 285.5

Salinity (ppt) 0.13 | Comments: E.COLI DROPPED OFF D BENCHMARK

Field ID/WIN G2SW0093

Site Name: McDonald Branch @ Thompson Rd

Location — Field — WIN/ — Latitu — ☐ dms ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04/11/2019 Time 10 44 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 6.32 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.1 | pH 7.34 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 224.7

Salinity (ppt) 0.11 | Comments: E.COLI DROPPED OFF D BENCHMARK

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	04/11/2019 1700	FedEx	1	ARB	4-12-19 10:10

Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	PCR-FILTER						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	~~SWD-AEL-EC~~	SW-BEA-ECQ					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-BACR						
	PCR-HF183						
* Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	~~SWD-AEL-EC~~	SW-BEA-ECQ *					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI						
	W-E8321-MS						

* GROUP B SW-BEA-ENQ 250 ML

SENT 1

Request Number: RQ-2019-04-08-12

SMP - Alafia, Alafia, 30 Mile, and McDonalds

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: J Ashton & S Meyer

Field Report Prepared By: S Meyer

Sampling Agency: FDEP SW ROC

Location / Field ID/WIN: G2SW0091 / Site Name: Alafia R. @ Boat Ramp Dock	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/11/2019 Time 1155	(Eastern) Central	Composite end Date — Time —	Bottle Group(s) (See pg 2) B*
	Matrix (type, e.g., (Salt), Fresh, etc)	Diss. Oxygen 7.34 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —	
	Temp (C) 26.3	pH 7.91	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 28329	
Latitude ☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 17.42	Comments *ENTERO* ~~E.COLI~~ DROPPED OFF @ BENCHMARK		
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		
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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	04/11/2019 1700	FedEx		[signature]	4-12-19 / 1110

Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	PCR-FILTER					
Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	SWD-AEL-EC					
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	W-E8321-DI W-E8321-MS					
Group: B	Bottle Type: QPCR-P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	PCR-BACR PCR-HF183					
Group: B	Bottle Type: P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	SWD-AEL-EC					
Group: B	Bottle Type: BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	W-E8321-DI W-E8321-MS					

Benchmark EnviroAnalytical,Inc
1711 12th Street East
Palmetto, Fl 34221
941-723-9986
941-723-6061 Fax

PO # B35040

RQ-2019-04-0B-12

Project Name:

Client Information:	FDEP
Address:	13051 N. TELECOM PKWY
	TAMPA, FL 33637
Phone #	813 - 470-5772
Fax #	
Email	judy.ashton@dep.state.fl.us
Laboratory Submission #	19040557

Sample Name	Sample Type[1] / Sample Matrix[2]	Collection Date	Collection Time	Container Qty	Container Capacity	Container Type[3]	Preservative[4] Lab Preserved □	Parameters for Analysis	Laboratory Sample #
G25W0045 ALAFIA RIVER @ CENTER AVE	SW	04/11/2019	11 20	1	250ML	P	ICE	E. COLI	1
G25W0046 THIRTYMILE CREEK @ NICHOLS Rd.	"	04/11/2019	10 00	1	↓	↓	↓	E. Coli	2
G25W0047 Thirtymile Creek @ Train Tracks Mosaic	"	04/11/2019	9 35	1	↓	↓	↓	E. Coli	3
G25W0093 McDonald Branch @ Thomasson Rd.	"	04/11/2019	10 44	1	↓	↓	↓	E Coli	4
G25W0091 Alafia R. @ Boat ramp Dock	"	04/11/2019	11 55	1	250mL	P	Ice	Entero	5

1 "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
2 "Sample Matrix" is used to indicate whether the sample is being discharged as drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).
3 "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4 Samples must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).
Under "Preservative," list any preservatives that were added to the sample container

Instructions:
1. Each bottle has a label identifying sample ID, preassigned preservative contained in the bottle, sample type, client ID, and parameters for analysis.
2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample comedy form.

Laboratory Sample Acceptability:
pH <2 : ~~8~~ Temperature: 1.8°C

1	Collected By: Sarah Meyer	Date 04/11/19	Time 1235	Received By:	Date 4-11-19	Time 1237
2	Relinquished By:	Date	Time	Received By:	Date	Time

RQ-2019-04-08-12

Date of Request:	29-JAN-2019
Created By:	PASWATER_B On: 29-JAN-2019
Modified By:	JASROTIA_P On: 13-MAR-2019
Customer:	SW-DIST
Project:	SMP
Division:	Division of Environmental Assessment and Restoration
District:	Southwest District
Sampling Event:	SMP - Alafia, Alafia, 30 Mile, and McDonalds

Send Coolers To:

Phone: 813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Ben Paswater

Send Final Report To:

FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Ben Paswater

Program Module Number:	
Priority:	3
Event Status:	R
Criminal Investigation:	NO
Chemistry Request Reviewed By:	WATTS_J On: 13-MAR-2019
Biology Request Reviewed By:	JASROTIA_P On: 13-MAR-2019
Sampling Kit Required:	YES Ship on: 29-MAR-2019
Sampling Kit Shipped:	YES On: 22-MAR-2019
Sampling Kit Packed By:	SHAIK_A
Preservatives Needed:	NO
Date to Receive Samples:	08-APR-2019
Received By:	SHAIK_A On: 12-APR-2019

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

Comments: Alafia, Alafia, 30 Mile, and McDonalds

Bottle Group A (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML Number of Bottles: 1 Preserved With: ICE
- PCR-FILTER Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
- SWD-AEL-EC Template: DEFAULT (EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE
- W-E8321-DI Template: DEFAULT (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
- W-E8321-MS Template: DEFAULT (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

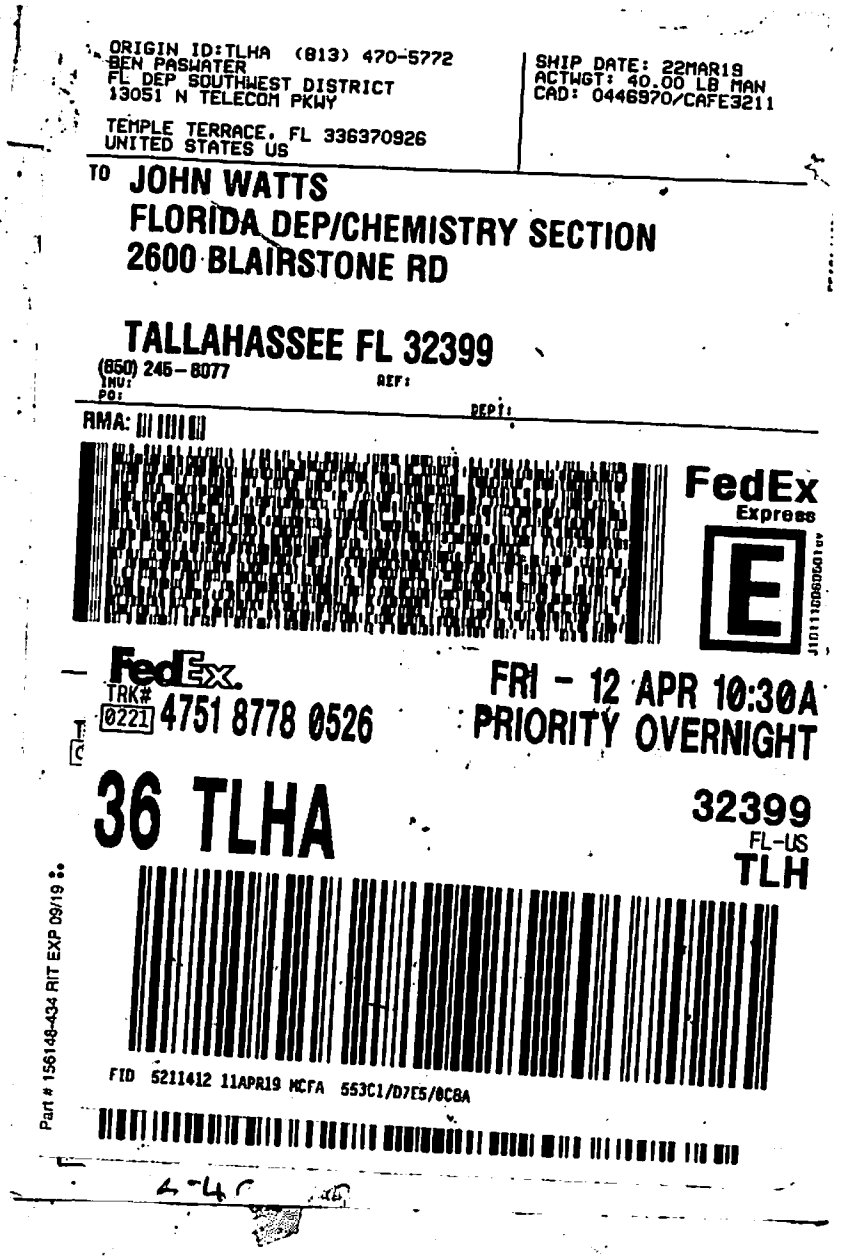
Bottle Group B (Water) With 4 Samples:

Bottle Type: QPCR-P-500ML Number of Bottles: 4 Preserved With: ICE
- PCR-BACR Template: DEFAULT (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
- PCR-HF183 Template: DEFAULT (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Type: P-250ML-WI-THI Number of Bottles: 4 Preserved With: ICE
- SWD-AEL-EC Template: DEFAULT (EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE
- W-E8321-DI Template: DEFAULT (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
- W-E8321-MS Template: DEFAULT (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

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



ORIGIN ID:TLHA (813) 470-5772
BEN PASWATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY

TEMPLE TERRACE, FL 336370926
UNITED STATES US

SHIP DATE: 22MAR19
ACTWGT: 40.00 LB MAN
CAD: 0446970/CAFE3211

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399
(850) 245-8077
INV:
PO:
REF:
DEPT:

RMA:

FedEx Express

FedEx
TRK# 0221 4751 8778 0526

FRI - 12 APR 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US
TLH

FID 5211412 11APR19 MCFA 553C1/D7E5/0C8A

Part # 156148-434 RIT EXP 09/19

4-4C