FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-06-19-56 | Page 1 of 3

Big Branch, Coon Creek, Stone Mill Creek | Requester: Curtis Musson | Field Report Prepared By: Ben Rabys

Customer: WQ-ASSESS | Sampling Agency: FDEP

Project ID: SMP | Collected By: Ben Rabys, Ray Stuart

Location: Stone Mill Creek Upstream of Dianna St

STORET ↓ G2WA0012

Field ID → Stone Mill Creek Upstream of Dianna St

G2WA0012_06262017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/26/17 Time (Eastern / Central)	Collection (comp begin or grab) Date Time	Bottle Group(s)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L)		
Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)
Salinity (ppt)	Comments: Samples Not Collected / High Water		
Latitude (Decimal Degrees)	Longitude (Decimal Degrees)		

Location: Big Branch Downstream of Road 5

STORET ↓ G2WA0010

Field ID → Big Branch Downstream of Road 5

G2WA0010_06262017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/26/17 Time 10:30am (Eastern / Central)	Collection (comp begin or grab) Date Time	Bottle Group(s): A, C
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 2.54		
Temp (C): 23.59	pH: 4.03	Sample Depts (m): 0.3	Sp. Conductance (umho/cm): 35
Salinity (ppt): 0.01	Comments		
Latitude (Decimal Degrees): 30.158	Longitude (Decimal Degrees): -85.252		

Location: Coon Creek 100 meters upstream of CR 69

STORET ↓ G2WA0005

Field ID → Coon Creek 100 meters upstream of CR 69

G2WA0005_06262017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/26/17 Time 9:50am (Eastern / Central)	Collection (comp begin or grab) Date Time	Bottle Group(s): C
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L)		
Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)
Salinity (ppt)	Comments: No Field Measurements, only bacteria collected		
Latitude (Decimal Degrees): 30.3929	Longitude (Decimal Degrees): -85.0625		

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
[signature]	6/26/17 1:52pm	1	Tyler Reynolds	06/26/17 @ 1:55pm

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-06-19-56 | Page 2 of 3

Big Branch, Coon Creek, Stone Mill Creek | Requester: Curtis Musson | Field Report Prepared By: Ben Raleys

Customer: WQ-ASSESS | Sampling Agency: FDEP

Project ID: SMP | Collected By: Ben Raleys, Phil Homann, Ray Stuart

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Location: Stafford Creek 100 meters upstream of SR 69

STORET: G2WA0004

Field ID: Stafford Creek 100 meters upstream of SR 69

G2WA0004_06262017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/26/17 Time	Eastern / Central	Collection (comp begin or grab) Date Time
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L)		
Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)
Salinity (ppt)	Comments: Samples Not Collected / High Water		
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)	

Bottle Group(s):

Location: Big Branch 50 meters upstream of CR 67

STORET: G1WA0001

Field ID: Big Branch 50 meters upstream of CR 67

June 21, 2017

G1WA0001_06212017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/26/17 Time	Eastern / Central	Collection (comp begin or grab) Date Time
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L)		
Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)
Salinity (ppt)	Comments		
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)	

Bottle Group(s):

Location: Godby Drainage Ditch at Progress Dr.

STORET: G1WA0061

Field ID: Godby Drainage Ditch at Progress Dr

June 26, 2017

G1WA0061_06262017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/26/17 Time 8:10 am	Eastern / Central	Collection (comp begin or grab) Date Time
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L) 5.14		
Temp (C) 25.19	pH 7.82	Sample Depts (m) 0.15	Sp. Conductance (umho/cm) 159
Salinity (ppt) 0.07	Comments		
Latitude (Decimal Degrees) 30.444661		Longitude (Decimal Degrees) -84.344711	

Bottle Group(s): A C D E

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
			Tyler Reynolds	06/26/17 @ 1:55 pm

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-06-19-56
Big Branch, Coon Creek, Stone Mill Creek
Customer: WQ-ASSESS
Project ID: SMP

Requester: Curtis Musson
Collected By: _____

Field Report Prepared By: _____
Sampling Agency: FDEP

Location: Soapstone Branch STORET ↓ 100 meters upstream of SR 375

G1WA0012

Field ID → Soapstone Branch 100 meters upstream of SR 375

G1WA0012_06262017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/26/17 Time 9:00am Eastern Central		Collection (comp begin or grab) Date Time	Bottle Group(s) A C
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 6.63			
Temp (C) 23.69	pH 7.38	Sample Depts (m) 0.15	Sp. Conductance (umho/cm) 46	
Salinity (ppt) 0.02	Comments			
Latitude (Decimal Degrees) 30.38625		Longitude (Decimal Degrees) -84.63355		

Location

Field ID

STORET #

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central		Collection (comp begin or grab) Date Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)			
Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)	
Salinity (ppt)	Comments			
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)		

Location

Field ID

STORET #

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central		Collection (comp begin or grab) Date Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)			
Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)	
Salinity (ppt)	Comments			
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)		

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
			Tyler Reynolds	06/26/17 @ 1:55pm

Group	Bottle Type		# of Bottles	Preservative		Enter Number of Bottles Sent to Lab
A	P-1L	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	3	ICE		2
A	BP-1L	CHLSUITE-W	3	ICE		2
A	P-500ML	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	3	ICE And H2SO4		2
A	P-125ML	W-PO4-F	3	ICE-FLTR		2
B	P-500ML	W-ICP W-ICPMS	1	HNO3		0
C	P-250ML-WO-THI	ECOLI-18QT	5	ICE		0
D	BG-1L	W-AHERB-AA W-SUC-AA-R W-UHB-AA-R	1	ICE		1
E	QPCR-P-250ML	PCR-FILTER	2	ICE		2
F	BG-1L	W-AHERB-AA W-GLYPH	2	ICE		0

last revised Apr 7, 2016

Request Number: RQ-2017-06-19-56

Big, Staffotd, Coon, Stone Mill

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Curtis Musson

Collected By:

Field Report Prepared By:

Sampling Agency:

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
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)	
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)	
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)	
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

Group: F	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 0
	W-PYR-AA-R					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: F	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 0
	W-CT-CI-R					
	W-PCL-SQ-R					
Group: F	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 0
	W-PSNP-TQ					

RQ-2017-06-19-56

Date of Request: 05-JUN-2017
Created By: MUSSON_C On: 05-JUN-2017
Modified By: WATTS_J On: 23-JUN-2017
Customer: WQAP
Project: SMP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: Big, Staffotd, Coon, Stone Mill, Soapstone, Godby

Send Coolers To:

Phone: 850-245-8453
2600 Blair Stone Rd
MS #3525
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Send Final Report To:

2600 Blair Stone Rd
MS #3525
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Program Module Number:
Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 23-JUN-2017
Biology Request Reviewed By: WATTS_J On: 23-JUN-2017
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped: YES On: 13-JUN-2017
Sampling Kit Packed By: REAVES_S
Preservatives Needed: NO
Date to Receive Samples: 26-JUN-2017
Received By:

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

Comments:
Group A: Freshwater Kit, No Metals
Group B: Metals
Group C: E. coli
Group D: Organics (Wastewater Tracers) Defult AHERB
Group E: PCR (Wastester Markers)
Group F: Organics (Pesticides) Complete AHERB List

Packing Notes:
No FedEx labels needed.

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	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: 5	Preserved With: ICE	
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry	
Bottle Type: P-500ML	Number of Bottles: 5	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: 5	Preserved With: ICE-FLTR	
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 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

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
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(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		
Silver		

Bottle Group C (Water) With 6 Samples:

Bottle Type: Number of Bottles: 6 Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group D (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE

W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group E (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE

PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Group F (Water) With 1 Samples:

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE

W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE

W-PSNP-TQ	Template: DEFAULT	(EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE

W-AHERB-AA	Template:	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-GLYPH	Template: DEFAULT	(EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS
W-PYR-AA-R	Template: DEFAULT	(EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea 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.

Log-in Checklist

RQ- 2017-06-19-56

Shipping Method: HD

Date/Time of Receipt: 06/26/17 @ 1:55 pm

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	1.7°C	19		✓			

*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-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: MR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: MR

Coolers Unpacked/Checked by: MR **Date:** 06/26/17 **NCRs (Y/N)?** N

Event ID: WQAP-2017-06-26-01 **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)

Botties 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: