FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

June 2016

PAGE 1 OF ____

Data Qualified? Yes / No

STORET Station Name: ~~Big Branch 50 meters upstream of CR 67~~ Stafford Creek 100 meters upstream of SR 69 **Date:** 10/26/2016 (mm/dd/yyyy)

STORET Station ID: ~~G1WA0001~~ G2WA0004 **WBID:** ~~1049~~ 723 **Latitude:** ~~30.911~~ 30.4991 (Decimal Degrees)

County: ~~Liberty~~ Calhoun **RQ -** 2016-10-24-30 **ORG ID:** 21FLWQA **Longitude:** ~~-84.7651~~ -85.0427 (Decimal Degrees)

Receiving Body of Water: ~~Telogia Creek~~ Apalachicola River **Field ID:** ~~G1WA0001_10252016~~ G1WA0004_10252016

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ben Ralys	X		X	X	X
Robert Wiwi		X			

Sampling Equipment

☐ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other _____
Equipment ID _____

Collection Method

☒ Wading — Via Boat: ☐ Canoe/Kayak
☐ From Shore ☐ Electric Motor
☐ Other (note below) ☐ Gasoline Motor

Water Level: Dry / Low / (Normal) / High / Flooded

Matrix: (Fresh) / Marine / DI

Meter ID# Biology #2 **Photos:** Yes / (No)

Tide Falling: Yes / No / (NA)

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	11:05	0.2	0.2	8.11	84.0	7.21	0.04	VOB	91	16.94
CEN										

Biological Samples Collected: (None) HA SCI LVS RPS LVI Other _____

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☑ Ice ☑ H_2SO_4	6209120	7/27/17	☑ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <2
Filtered Nutrients	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☑ Ice			
Chlorophyll	☑ CHLSUITE-W	☑ Ice			
Physical/Aggregate (Fresh)	☑ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☑ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ QPCR	☐ Ice			
Periphyton	☐ ALGAE-ID	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Contains 1:1 Sulfuric Acid SA – 6209120 EXP: 07/27/17 Warning! See SDS

Place Pre[illegible]ker(s) Here

Notes:

~~Big Branch 50 meters upstream of CR 67~~

STORET

G1WA0001

Field ID →

Big Branch 50 meters upstream of CR 67

Oct 26, 2016

G1WA0001–10262016

Signature: Ben Ralys **Date:** 10/26/16

Field Parameters Entered into LIMS: DT 10/27/16 (Initials/Date) **Field Parameters QC in LIMS:** _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date) **Field Sheets Scanned/Saved:** _____ (Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page.

Meter: Biology #2 RQ- 2016-10-24-30 Project: SMP

Notes: (1) Numbers ≤4, are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
(2) Always wait for meter to stabilize before recording any readings.
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 09/23/2016

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Robert Wini	10/26/16	7:12	20.9	8.9	8.9	100	74.7	—	P	L
ICV	Robert Wini	10/26/16	7:13	21.0	8.9	8.9	100	73.7	—	P	L
CCV	Robert Wini	10/26/16	13:12	21.3	8.9	8.8	99	59.4	—	P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.
DO Acceptance criteria from Table ±0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15; DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Robert Wini	10/26/16	7:15	160330D	4/17	1000	1000	P	L
ICV	Robert Wini	10/26/16	7:16	160330D	4/17	1000	1000	P	L
CCV	Robert Wini	10/26/16	13:13	2510F25	10/17	100	100	P	L
CCV									

Report specific conductance as a whole number with no decimal figure. Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Robert Wini	10/26/16	7:20	160330B	10/17	7.0	7.0	-20.6	P	L
Calibr.	Robert Wini	10/26/16	7:22	160330A	4/17	4.0	4.0	156.8	P	L
Calibr.	Robert Wini	10/26/16	7:25	160330C	10/17	10.0	10.0	-188.6	P	L
ICV	Robert Wini	10/26/16	7:28	160330C	10/17	10.0	10.0	-188.7	P	L
CCV	Robert Wini	10/26/16	13:14	160330A	4/17	4.0	4.0	155.1	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ±0.2 SU; mV pH7 Range 0±50; mV pH 4 Range +180±50;
mV pH 10 Range -180±50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly) Date of Last Depth Verification _____

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria ±5 % or ±0.05m, whichever is greater

Request Number: RQ-2016-10-24-30

Sally Ward Spring, Big Cypress Branch, Big Branch and Black Creek

Customer: WQAP

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Requester: Benjamin Ralys

Collected By: Benjamin Ralys, Robert Wimi

Field Report Prepared By: Robert Wimi

Sampling Agency: FDEP

Location: Chicken Branch at Old Plank Rd
Field ID: G1WA0031-10262016
STORET #: G1WA0031
Latitude: 30.3261 ☑ dd ☐ dms **Longitude:** -84.1481 ☑ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 10/26/16 Time 0810 (Eastern / Central) | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.33 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 18.51 | pH 7.32 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 294

Salinity (ppt) 0.14 | Comments

Location: Big Cypress Branch 100 meters upstream of CR 67
Field ID: G1WA0003-10262016
STORET #: G1WA0003
Latitude: 30.3459 ☑ dd ☐ dms **Longitude:** -84.7829 ☑ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 10/26/16 Time 1000 (Eastern / Central) | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 8.24 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 15.63 | pH 7.53 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 482

Salinity (ppt) 0.23 | Comments

Location: Stafford Creek 100 meters upstream of SR 69
Field ID: G2WA0004-10262016
STORET #: G2WA0004
Latitude: — ☐ dd ☐ dms **Longitude:** — ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 10/26/16 Time 1105 (Eastern / Central) | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 8.11 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 16.94 | pH 7.21 | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 91

Salinity (ppt) 0.04 | Comments

Location:
Field ID:
STORET #:
Latitude: ☐ dd ☐ dms **Longitude:** ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time (Eastern / Central) | Composite end Date Time | Bottle Group(s)

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

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	10/26/16 12:56			[signature]	10.26.16 1215

Container ID: P-500ML **Qty: 4** **Preservation: ICE And H2SO4** **Lot #** 00064947

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 4** **Preservation: ICE-FLTR** **Lot #** 00065449

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B # of Sites: 1

Container ID: PJ-2L **Qty: 2** **Preservation: Formalin** **Lot #** BIO-WASH

Description: Plastic Jar 2 L

Analysis	Description
MI-FW-QLDC	No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Bottle Group: C # of Sites: 2

Container ID: PT-50ML **Qty: 2** **Preservation: ICE** **Lot #** 03715003

Description: Plastic Tube 50 mL

Analysis	Description
ALGAL_ID	Qualitative assessment of algal taxa present without counts

Cooler Packed By: CJR Date: 10/25/16

DEP Cooler ID #(s): 2 Red Coolers

Kit must also include:

- ✓ Field Sheets
- ✓ Temperature Control Bottle (1 per cooler)
- ✓ FedEx Bills, if applicable (1 per cooler)
- ✓ Plastic Bags
- ✓ Zip Ties

If Preservation Included:

ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2016-10-24-30