FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Little Alapaha River **Date:** 6-4-18 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0037 **WBID:** 3330 **Latitude:** 30.565476 (Decimal Degrees)

County: Hamilton **ORG ID:** 21FLTLHR **Longitude:** 82.987145 (Decimal Degrees)

Receiving Body of Water: Alapaha River **RQ-2018-** 05-14-54

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Paul Blair	✓		✓		
Jon Woods		✓		✓	✓

Sampling Equipment

☑ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☐ Syringe
☐ Dipper ☐ Other
Depth Measured with
Equipment ID

Collection Method

☑ Wading ☐ Canoe/Kayak
☐ From Shore ☐ Electric Motor
☐ Other ☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / (High) / Flooded **Meter ID#** YSI EXO 3 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	12:56	0.3	0.15	0.1	5.14	62.3	4.1	0.03	74	25.3
CEN										

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

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☑ Ice ☑ H_2SO_4	7341020	12-7-18	☑ <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			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☑ E Coli ☐ F Coli ☐ Enterococci	☑ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here (If Available)

Notes:
kit: A-b

Field/WIN ID → G1TLHR0037

Location → LITTLE ALAPAHA RIVER

Signature: Paul Blair **Date:** 6-4-18

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 6-25-18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets CG 6-25-18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-05-14-54

kit A w/ bacteria

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Blair/Woods

Field Report Prepared By: Paul Blair

Sampling Agency: 8034

Field/WIN ID → G1TLHR0045

Location → MIDDLE OF LAKE FRANCIS

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6-4-18 Time 11:35 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 7.54 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 30.3 | pH 8.2 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 145

Salinity (ppt) 0.07 | Comments

Field/WIN ID → G1TLHR0033

Location → JUMPING GULLEY CREEK

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☑ Comp ☑ Grab | Collection (comp begin or grab) Date 6-4-18 Time 12:15 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 6.89 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.7 | pH 7.0 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 42

Salinity (ppt) 0.02 | Comments

Field/WIN ID → G1TLHR0037

Location → LITTLE ALAPAHA RIVER

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6-4-18 Time 12:50 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 5.14 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.3 | pH 4.1 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 74

Salinity (ppt) 0.03 | Comments

Field/WIN ID → G1TLHR0047

Location → SUGAR CREEK @ SUWANNEE RIV

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6-4-18 Time 13:40 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 7.82 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.0 | pH 7.1 | Sample Depth 0.1 ☐ ft ☑ m | Sp. Conductance (umho/cm) 123

Salinity (ppt) 0.06 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Blair/Woods	6-4-18 16:01	hand delivered			6/4/18 4:03

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 ID: EXO 3 **RQ-** **Project:** GI SMP 1606

Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(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 4/18

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.	Jon Woods	6/4/18	924	23.0	8.56	8.54	100	—	1.00	P / F	L / F
ICV	"	"	936	23.0	8.58	8.60	100	—	—	P / F	L / F
CCV	Paul Blair	"	16:15	26.3	8.07	8.18	101.8	—	"	P / F	L / F
CCV										P / F	L / F

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.	Jon Woods	6/4/18	926	1804038	04/2019	1000	1000	P / F	L / F
ICV	"	"	934	24028833	01/2020	100	100	P / F	L / F
CCV	Paul Blair	"	16:17	1804038	4-19	1000	1000	P / F	L / F
CCV	"	"	16:18	28028833	1-20	100	101	P / F	L / F

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.	Jon Woods	6/4/18	928	171121A	06/2019	7.0	7.0	-45.6	P / F	L / F
Calibr.	"	"	930	180116D	01/2019	4.0	4.0	132.1	P / F	L / F
Calibr.	"	"	931	180221E	09/2019	10.0	10.0	-211.5	P / F	L / F
ICV	"	"	933	"	"	10.0	10.0	-211.2	P / F	L / F
CCV	Paul Blair	6-4-18	16:20	180116D	1-19	4.0	4.0	122.4	P / F	L / F
CCV									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 165.9, slope from 4 to 7 177.7 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 4/18

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: