FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Little Alapaha River **Date:** 05/23/2018 (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-** 05-14-31

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtlett	✓		✓		
J. 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#** ProDSS **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	1200	0.5	0.25	0.3	5.94	69.1	4.30	0.03	69	23.0
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	SA8585170	3/26/19	☐ <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: [signature] **Date:** 05/23/18

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: _____ (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

Request Number: RQ-2018-05-14-31

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: J.Woods, J.Burtchett

Field Report Prepared By: J.Burtchett

Sampling Agency: 8034

Location: Field/WIN ID → G1TLHR0025; Location → MEARSON SPRING

Field ID:

WIN/ST:

Latitude: ☐ dd ☐ dms

☑ Grab ☐ Comp — Collection (comp begin or grab) Date 5/23/18 Time 1040 Eastern/Central — Composite end Date — Time — — Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh — Diss. Oxygen 1.76 ☑ mg/L ☐ % sat — Total Res. Chlorine (mg/L) —

Temp (C) 21.9 — pH 7.24 — Sample Depth 0.3 ☐ ft ☑ m — Sp. Conductance (umho/cm) 409

Salinity (ppt) 0.20 — Comments

Location: Field/WIN ID → G1TLHR0037; Location → LITTLE ALAPAHA RIVER

Field ID:

WIN/STOR:

Latitude: ☐ dd ☐ dms

☑ Grab ☐ Comp — Collection (comp begin or grab) Date 5/23/18 Time 1200 Eastern/Central — Composite end Date — Time — — Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh — Diss. Oxygen 5.91 ☑ mg/L ☐ % sat — Total Res. Chlorine (mg/L)

Temp (C) 23.0 — pH 4.30 — Sample Depth 0.25 ☐ ft ☑ m — Sp. Conductance (umho/cm) 69

Salinity (ppt) 0.03 — Comments

Location:

Field ID:

WIN/STORET # G1TLHR0045

Latitude: ☐ dd ☐ dms — Longitude: ☐ dd ☐ dms

☑ Grab ☐ Comp — Collection (comp begin or grab) Date 05/23/18 Time 1305 Eastern/Central — Composite end Date — Time — — Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh — Diss. Oxygen 7.85 ☑ mg/L ☐ % sat — Total Res. Chlorine (mg/L) —

Temp (C) 28.5 — pH 8.08 — Sample Depth 0.3 ☐ ft ☑ m — Sp. Conductance (umho/cm) 137

Salinity (ppt) 0.06 — Comments

Location:

Field ID:

WIN/STORET #

Latitude: ☐ dd ☐ dms — Longitude: ☐ dd ☐ dms

☐ Grab ☐ Comp — 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
JB, JW	5/23/18: 1458	HD	1	Tyler R	05/23/18 @ 3:04

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab 4 3
	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 4 3
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab 3 2
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 4 3
	W-NH3					
	W-NO2NO3				H2SO4	
	W-S-A-TP				LOT# SA0085170	
	W-TKN				EXP: 03/26/19	
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 4 3
	W-PO4-F					

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: ProDSS **RQ-** **Project:** SMP2014

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 4/17

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.	J. Burchett	5/23/18	1406	22.3	8.69	8.70	100	-	1.07	P / F	L / F
ICV	↓	↓	1416	21.3	8.46	8.47	100	-	-	P / F	L / F
CCV			1501	26.6	8.00	8.00	100	-	-	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.	J. Burchett	5/23/18	1408	180403A	04/19	1000	1000	P / F	L / F
ICV	↓	↓	1414	24602833	01/20	100	101	P / F	L / F
CCV			1503	24602833	01/20	100	101	P / F	L / F
CCV								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.	J. Burchett	5/23/18	1410	17112HA	01/19	7.0	7.0	-23.2	P / F	L / F
Calibr.	↓	↓	1412	180116D	06/19	4.0	4.0	131.9	P / F	L / F
Calibr.			1414	180221G	09/19	10.0	10.0	-170.5	P / F	L / F
ICV			1420	180221K	09/19	10.0	10.0	-170.4	P / F	L / F
CCV			1505	180116D	06/19	4.0	4.0	132.3	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 10 147.3, slope from 4 to 7 155.1 (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 4/17

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: