



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Little Alapaha River

Date: 2/15/2018
(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-2018-01-29-48

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jessie Tolbert									
Jade Burtchett									

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# 451 Exo 83

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / 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 (umhos/cm)	Temp. (C°)
EST	11:48	0.3	0.15	0.35	7.49	78.3	5.03	103	70.1	17.46
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#: J.T.

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4	7341020	2-15-18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☒ Ice ☐ HNO3		12/7/18	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-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	☒ 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

Secchi visible on bottom

Field/WIN ID

Location



G1TLHR0037



LITTLE ALAPAHA RIVER

Signature: JTA

Date: 2-15-18

Enter Field Parameters, Verify Station ID in LIMS DMT: 2/16/18

QC Station ID, Field Parameters in LIMS DMT: JB 2/16/18

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

last revised Jan 3, 2018

Sampling Agency: 80311

2051

[illegible]

Day	Time	Location	Activity
1	08:00	Hotel	Check-in
1	09:00	Hotel	Breakfast
1	10:00	Hotel	Registration
1	11:00	Hotel	Check-out
1	12:00	Hotel	Lunch
1	13:00	Hotel	Check-in
1	14:00	Hotel	Breakfast
1	15:00	Hotel	Registration
1	16:00	Hotel	Check-out
1	17:00	Hotel	Lunch
1	18:00	Hotel	Check-in
1	19:00	Hotel	Breakfast
1	20:00	Hotel	Registration
1	21:00	Hotel	Check-out
1	22:00	Hotel	Lunch
1	23:00	Hotel	Check-in
1	24:00	Hotel	Breakfast
1	25:00	Hotel	Registration
1	26:00	Hotel	Check-out
1	27:00	Hotel	Lunch
1	28:00	Hotel	Check-in
1	29:00	Hotel	Breakfast
1	30:00	Hotel	Registration
1	31:00	Hotel	Check-out
1	32:00	Hotel	Lunch
1	33:00	Hotel	Check-in
1	34:00	Hotel	Breakfast
1	35:00	Hotel	Registration
1	36:00	Hotel	Check-out
1	37:00	Hotel	Lunch
1	38:00	Hotel	Check-in
1	39:00	Hotel	Breakfast
1	40:00	Hotel	Registration
1	41:00	Hotel	Check-out
1	42:00	Hotel	Lunch
1	43:00	Hotel	Check-in
1	44:00	Hotel	Breakfast
1	45:00	Hotel	Registration
1	46:00	Hotel	Check-out
1	47:00	Hotel	Lunch
1	48:00	Hotel	Check-in
1	49:00	Hotel	Breakfast
1	50:00	Hotel	Registration
1	51:00	Hotel	Check-out
1	52:00	Hotel	Lunch
1	53:00	Hotel	Check-in
1	54:00	Hotel	Breakfast
1	55:00	Hotel	Registration
1	56:00	Hotel	Check-out
1	57:00	Hotel	Lunch
1	58:00	Hotel	Check-in
1	59:00	Hotel	Breakfast
1	60:00	Hotel	Registration
1	61:00	Hotel	Check-out
1	62:00	Hotel	Lunch
1	63:00	Hotel	Check-in
1	64:00	Hotel	Breakfast
1	65:00	Hotel	Registration
1	66:00	Hotel	Check-out
1	67:00	Hotel	Lunch
1	68:00	Hotel	Check-in
1	69:00	Hotel	Breakfast
1	70:00	Hotel	Registration
1	71:00	Hotel	Check-out
1	72:00	Hotel	Lunch
1	73:00	Hotel	Check-in
1	74:00	Hotel	Breakfast
1	75:00	Hotel	Registration
1	76:00	Hotel	Check-out
1	77:00	Hotel	Lunch
1	78:00	Hotel	Check-in
1	79:00	Hotel	Breakfast
1	80:00	Hotel	Registration
1	81:00	Hotel	Check-out
1	82:00	Hotel	Lunch
1	83:00	Hotel	Check-in
1	84:00	Hotel	Breakfast
1	85:00	Hotel	Registration
1	86:00	Hotel	Check-out
1	87:00	Hotel	Lunch
1	88:00	Hotel	Check-in
1	89:00	Hotel	Breakfast
1	90:00	Hotel	Registration
1	91:00	Hotel	Check-out
1	92:00	Hotel	Lunch
1	93:00	Hotel	Check-in
1	94:00	Hotel	Breakfast
1	95:00	Hotel	Registration
1	96:00	Hotel	Check-out
1	97:00	Hotel	Lunch
1	98:00	Hotel	Check-in
1	99:00	Hotel	Breakfast
1	100:00	Hotel	Registration
1	101:00	Hotel	Check-out
1	102:00	Hotel	Lunch
1	103:00	Hotel	Check-in
1	104:00	Hotel	Breakfast
1	105:00	Hotel	Registration
1	106:00	Hotel	Check-out
1	107:00	Hotel	Lunch
1	108:00	Hotel	Check-in
1	109:00	Hotel	Breakfast

Date/Time 7/15/18 13:10

2-15-2018 13:09

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	11 = 2
	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	11 = 2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	11 = 2
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	11 = 2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	11 = 2
	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 name.

Meter ID: Exo 3

RQ:

Project: SMP 2018

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 12/17

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. Burtchett	2/15/18	802	21.08	8.90	8.90	100	-	1.05	P/F	L/F
ICV	✓	✓	812	20.98	8.92	8.92	100	-	-	P/F	L/F
CCV	✓	✓	1319	23.2	8.55	8.59	100	-	1.05	P/F	L/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	2/15/18	804	180116B	01/19	1000	1000	P/F	L/F
ICV	✓	✓	814	2710781	09/19	100	98	P/F	L/F
CCV	✓	✓	1321	2710781	09/19	100	95	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

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. Burtchett	2/15/18	806	171121A	06/19	7.0	7.0	-21.1	P/F	L/F
Calibr.	✓	✓	808	180116D	01/19	4.0	4.0	152.6	P/F	L/F
Calibr.	✓	✓	810	171121B	06/19	10.0	10.0	-196.1	P/F	L/F
ICV	✓	✓	816	171121B	06/19	10.0	10.0	-198.0	P/F	L/F
CCV			1324	180116D	01/19	4.0	4.1	149	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 $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 175.0, slope from 4 to 7 173.7 (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 12/17

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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

