FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Bethel Creek @ Mill Creek Rd **Date:** 4/23/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0062 **WBID:** 3480 **Latitude:** 30.252583 (Decimal Degrees)

County: Lafayette **ORG ID:** 21FLTLHR **Longitude:** 83.26651 (Decimal Degrees)

Receiving Body of Water: Suwannee River **RQ-2018-** 021-04-52

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

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with
- Equipment ID

Collection Method
- [x] 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)	14:20	0.3	0.15	0.2	7.58	85.4	6.0	.03	65	21.7
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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[ ] Ice [x] H_2SO_4	734020	12/7/18	[x] <2
Metals	[ ] W-ICPMS S.T. [ ] 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)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] 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	[x] 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:

A-b

Field/WIN ID → G1TLHR0062

Location → BETHEL CREEK @ MILL CREEK

Signature: J.T.B. **Date:** 4/23/2018

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-2018-04-09-52
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: Jessie Tolbert, Jade Burtchett
Field Report Prepared By: Tolbert
Sampling Agency: 8034

Sample 1

Field	Value
Field/WIN ID	G1TLHR0062
Location	BETHEL CREEK @ MILL CREEK
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☒ Grab	Grab
Collection (comp begin or grab) Date	4/23/2018
Time	
Eastern / Central	Eastern (circled)
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	Fresh
Diss. Oxygen	7.58 (☒ mg/L ☐ % sat)
Total Res. Chlorine (mg/L)	
Temp (C)	21.2
pH	6.00
Sample Depth	.15 (☐ ft ☒ m)
Sp. Conductance (umho/cm)	65
Salinity (ppt)	0.03
Comments	
Bottle Group(s) (See pg 2)	A

Sample 2

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
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	
Bottle Group(s)	

Sample 3

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
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	
Bottle Group(s)	

Sample 4

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
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	
Bottle Group(s)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Tolbert, Burtchett	4/23/2018 15:37	HD	1	[signature]	4/23/18 1540

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	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 1
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 1
	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 1
	W-PO4-F					

Request Number: RQ-2018-04-09-52

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: Jessie Tolbert, Jade Barthelt

Field Report Prepared By: Tolbert

Sampling Agency: 8034

Location: Field/WIN ID → G1TLHR0045; Location → MIDDLE OF LAKE FRANCIS

Field ID:

WIN/STO:

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

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 4/23/2018 Time 11:30 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 8.26 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 23.41 | pH: 8.20 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 135

Salinity (ppt): .06 | Comments:

Location: Field/WIN ID → G1TLHR0033; Location → JUMPING GULLEY CREEK

Field ID:

WIN/STO:

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

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 4/23/2018 Time 12:20 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 7.30 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 20.21 | pH: 6.5 | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 62

Salinity (ppt): .03 | Comments:

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

Field ID:

WIN/STORET #:

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

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 4/23/2018 Time 13:00 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 6.54 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 19.7 | pH: 4.40 | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 65

Salinity (ppt): .03 | Comments:

Location: Field/WIN ID → G1TLHR0047; Location → SUGAR CREEK @ SUWANNEE RIV

Field ID:

WIN/STORET #:

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

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 4/23/2018 Time Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 8.62 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 20.6 | pH: 7.15 | Sample Depth: .15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 119

Salinity (ppt): .06 | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Tolbert, Barthelt	4/23/2018 1537	HD	2		4/23/18 1540

Group: A	Bottle Type:	P-1L	# of Bottles:	25	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	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
	CHLSUITE-W							
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles:	25	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	ECOLI-18QT							
Group: A	Bottle Type:	P-500ML	# of Bottles:	25	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	4
	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**	4
	W-PO4-F							

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

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

Meter ID: EXO3 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. Burkhalter	4/23/18	749	22.0	8.74	8.75	100	–	1.06	P / F	D / F
ICV	↓		750	21.0		8.91	100	–	–	P / F	L / F
CCV			1542	26.1	8.10	8.17	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. Burkhalter	4/23/18	752	1801163	01/19	1000	1000	P / F	L / F
ICV	↓		802	2710781	09/19	100	96	P / F	L / F
CCV			1543	2710781	09/19	100	95	P / F	L / F
CCV			1545	1801163	01/19	1000	994	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. Burkhalter	4/23/18	754	171121A	04/19	7.0	7.0	-41.6	P / F	L / F
Calibr.		↓	756	K01161D	01/19	4.0	4.0	136.0	P / F	L / F
Calibr.	↓		758	1402216	09/19	10.0	10.0	-203.8	P / F	L / F
ICV	✓	↓	804	1402216	09/19	10.0	10.0	-204.0	P / F	L / F
CCV			1548	1801160	01/19	4.0	4.26	120	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 10 162.2, slope from 4 to 7 177.6 (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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: