FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Sweetwater Branch @ Cody Church Rd **Date:** 03/22/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0040 **WBID:** 965 **Latitude:** 30.3901391 (Decimal Degrees)

County: Jefferson **ORG ID:** 21FLTLHR **Longitude:** 84.0587602 (Decimal Degrees)

Receiving Body of Water: St Marks River **RQ-2018-** 02-26-64

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtchett	✓		✓		
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#** Exo3 **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. (C⁰)
EST	1345	0.05	0.1	0.1 (5)	9.79	96	6.91	0.02	42	14.35
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	SA 716 3030	6/12/18	☑ <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:
A-b/t/m

Field/WIN ID → GTLHR0040
Location ↓
Sweetwater Branch @ Cody Church Rd

Signature: **Date:**

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 3/23/18 (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-2018-02-26-64

A-b/t/m

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 1

Field ID: Field/WIN ID G1TLHR0084

WIN/STC: Location SPRING CREEK AT US98

Latitude: ☐ dms ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/22/18 Time 1115 | Eastern / Central | Composite end Date — Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 6.55 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 17.48 | pH: 7.44 | Sample Depth: 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm): 334

Salinity (ppt): 0.16 | Comments

Location 2

Field ID: Field/WIN ID G1TLHR0067

WIN/STORET: Location WOODS CREEK AT OSTEEN RD

Latitude: ☐ dms ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/22/18 Time 1130 | Eastern / Central | Composite end Date — Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 6.40 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 18.55 | pH: 7.55 | Sample Depth: 0.35 ☐ ft ☑ m | Sp. Conductance (umho/cm): 282

Salinity (ppt): 0.13 | Comments

Location 3

Field ID: Field/WIN ID → GTLHR0040

WIN/STORE: Location ↓ Sweetwater Branch @ Cody Church Rd

Latitude: ☐ dms ☐ dd Longitude ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/22/18 Time | Eastern / Central | Composite end Date — Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 9.79 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 14.39 | pH: 6.91 | Sample Depth: 0.05 ☐ ft ☑ m | Sp. Conductance (umho/cm): 42

Salinity (ppt): 0.02 | Comments

Location 4

Field ID: Field/WIN ID → G1TLHR0041

WIN/STORE: Location ↓ MOOREBRANCH@CODYCHURCHRD

Latitude: ☐ dms ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/22/18 Time 1405 | Eastern / Central | Composite end Date — Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 9.50 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C): 14.51 | pH: 5.21 | Sample Depth: 0.3 ☐ ft ☐ m | Sp. Conductance (umho/cm): 28

Salinity (ppt): 0.01 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, JW	03/22/18: 1433	HD	2	SR	3-22-18 / 2:36

Group: A	Bottle Type:	P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-OC	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	FCOLI-MF						
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 30	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	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: 15	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	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: Exo 2 RQ- Project:

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	3/22/18	803	20.0	9.09	9.10	100	-	1.05	P / F	L / F
ICV	↓	↓	813	20.2	9.06	9.08	100	-	-	P / F	L / F
CCV	↓	↓	1409	14.3	K.3	10.41	101	-	-	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. Burtchett	3/22/18	805	180116B	01/19	1000	1000	P / F	L / F
ICV	↓	↓	815	2710781	04/19	100	95	P / F	L / F
CCV	↓	↓	1411	2480833	01/19	100	96	P / F	L / F
CCV			1413	180116A	01/19	1000	997	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. Burtchett	3/22/18	807	171121A	06/19	7.0	7.0	-34.3	P / F	L / F
Calibr.	↓	↓	809	180116D	01/19	4.0	4.0	145.7	P / F	L / F
Calibr.	↓	↓	811	171121B	06/19	10.0	10.0	-198.0	P / F	L / F
ICV	↓	↓	817	171121B	06/19	10.0	10.0	-201.7	P / F	L / F
CCV	↓	↓	1415			4.0	4.0	146.8	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 10 163.7, slope from 4 to 7 180 (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:

Form effective October 1, 2017