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:** 07/19/18 (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-** 05-14-41

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burkett	✓		✓		
C. Green		✓		✓	✓

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#** Ex03 **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	905	0.1	0.05	0.1 (S)	7.45	88.5	7.23	0.02	46	23.91
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	SA80853170	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/t/m
Group: A/B

Field/WIN ID → G1TLHR0040

Location ↓

Sweetwater Branch @ Cody Church Rd

Signature: [signature] **Date:** 07/19/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JS 7/20/18 (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)

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 6/18

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.	J. Burtchett	7/19/18	753	22.8	8.61	8.61	100	-	1.06	P / F	L / F
ICV	↓	↓	803	20.4	9.02	9.00	100	-	-	P / F	L / F
CCV			1420	26.0	8.11	8.10	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. Burtchett	7/19/18	755	180403A	04/19	1000	1000	P / F	L / F
ICV	↓	↓	805	2802837	07/20	10	10.0	P / F	L / F
CCV	↓	↓	1422	180621B	07/19	50000	50923	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. Burtchett	7/19/18	757	171121A	06/19	7.0	7.0	-38.7	P / F	L / F
Calibr.	↓	↓	759	180160	01/19	4.0	4.0	137.1	P / F	L / F
Calibr.	↓	↓	801	180221E	09/19	10.0	10.0	211.2	P / F	L / F
ICV	↓	↓	807	180221E	09/19	10.0	10.0	212.5	P / F	L / F
CCV	↓	↓	1424	180160	01/19	4.0	4.0	136.9	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 1, slope from 4 to 7 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 7/18

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	J. Burtchett	7/19/18	809	0.0	0.0	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:

Request Number: RQ-2018-05-14-41

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.R C. Green

Field Report Prepared By: J. Burtchett C. Green

Sampling Agency: 4034

Location: Sweetwater Branch @ Cody Church Rd

Field/WIN ID → G1TLHR0040

Location ↓

Field ID:

WIN/ST:

Latitude: ☐ dd ☐ dms

☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 07/19/18 Time 905 | Eastern / Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 7.45 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 23.91 | pH: 7.23 | Sample Depth: 0.05 ☐ ft ☑ m | Sp. Conductance (umho/cm): 46

Salinity (ppt): 002 | Comments:

Location:

Field/WIN ID → G1TLHR0084

Location ↓

SPRING CREEK AT US98

Field ID:

WIN/STO:

Latitude: ☐ dd ☐ dms

☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 7/19/18 Time ~~925~~ | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 2.20 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 24.0 | pH: 7.46 | Sample Depth: 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm): 406

Salinity (ppt): 0.19 | Comments:

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 | 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

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 | 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, LG	7/19/18: 1404	AD	1		7-19-18 | 14:04

Group: A | Bottle Type: P-1L | # of Bottles: 15 | Preservative: ICE | Enter Number of Bottles Sent to Lab 2 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: 15 | Preservative: ICE | Enter Number of Bottles Sent to Lab 1

CHLSUITE-W

Group: A | Bottle Type: P-250ML-WO-THI | # of Bottles: 15 | Preservative: ICE | Enter Number of Bottles Sent to Lab 2

ECOLI-18QT

Group: A | Bottle Type: QPCR-P-500ML | # of Bottles: 15 | Preservative: ICE | Enter Number of Bottles Sent to Lab 1

PCR-FILTER

Group: A | Bottle Type: BG-500ML | # of Bottles: 15 | Preservative: ICE | Enter Number of Bottles Sent to Lab 1

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 1

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

H2SO4
LOT# SA8085170
EXP: 03/26/19

Group: A | Bottle Type: P-125ML | # of Bottles: 15 | Preservative: FILTER-ICE | Enter Number of Bottles Sent to Lab 1

W-PO4-F