FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

October 2017

Qualified Data: YS

Location/STORET Station Name: Sweetwater Branch @ Cody Coach RD **Date:** 1/3/18 (mm/dd/yyyy)

STORET # GITLHR0040 **WBID:** 965 **Latitude:** (Decimal Degrees)

County: Leon, Jefferson **RQ -** 2017-12-04-48 **ORG ID:** 21FLTLHR **Longitude:** (Decimal Degrees)

Receiving Body of Water: St. Marks River **Field ID:** GITLHR0040

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
- Equipment ID

Collection Method
- ☑ Wading ☐ Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☐ Other ☐ Gasoline Motor

Water Level: Dry / Low / (Normal) / Above Normal / Flooded **Meter ID#** YSI 600XLM #12 **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	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C⁰)
(EST)	9:50	.15	0.3	13.97	107.3	6.21	.02	0.35	413	3.98
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	7275010	10/2/18	☐ <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-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: Secchi visible on bottom

Place Label Here (If Available)

Signature: **Date:** 1-3-18

Field Parameters Entered into LIMS: JT 1-16-18 (Initials/Date) Field Parameters QC in LIMS: PB V- 17-18 (Initials/Date)

Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: JT 1-16-18 (Initials/Date)

Request Number: RQ-2017-12-04-48

SMP 2017 Freshwater Kit A - b/t/m
(3573A_Steinhatchee River, 913_Big Creek)

Customer: TLH-ROC

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Requester: Chris Green

Collected By: Jake Burkhett / Jessie Tolbert

Field Report Prepared By: Jessie Tolbert

Sampling Agency: 8034

Location: Sweetwater Branch @ Cody Coach RD	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1-3-2018 Time 9:50 ~~Eastern~~ Central	Composite end Date Time	Bottle Group(s) (See pg 2): A
Field ID: GITLHR0040	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 13.97 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #: GITLHR0040	Temp (C): 3.98	pH: 6.21	Sample Depth: .15 ☐ ft ☒ m	Sp. Conductance (umho/cm): 413	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): .02	Comments		
Location: Moore Branch @ Cody Coach RD	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1-3-18 Time 10:15 ~~Eastern~~ Central	Composite end Date Time	Bottle Group(s): A
Field ID: GITLHR0041	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 13.31 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #: GITLHR0041	Temp (C): 4.45	pH: 5.26	Sample Depth: .25 ☐ ft ☒ m	Sp. Conductance (umho/cm): 28	
Latitude ☐ dd ☒ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): .01	Comments		
Location: Lake Overstreet Drain @ N Meridian	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/3/2018 Time 11:15 ~~Eastern~~ Central	Composite end Date Time	Bottle Group(s): A
Field ID: GITLHR0069	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 11.78 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #: GITLHR0069	Temp (C): 7.69	pH: 7.32	Sample Depth: .15 ☐ ft ☒ m	Sp. Conductance (umho/cm): 183	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): .09	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, JT	1/3/18: 1152	FD	2		1/3/18 11:52

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ECOLI-18QT						
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	PCR-FILTER						
Group: A	Bottle Type:	BG-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	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: YSI 600XLM #12 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 _____

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.	Jessie Tolbert	1-3-18	855	14.1	10.3	10.3	100	56.3	N/A	(P) / F	(L) F
ICV	" "	" "	858	14.2	10.3	10.0	100	55.3	N/A	(P) F	(L) F
CCV	" "	" "	1202	13.0	10.5	10.3	100	56.3	N/A	(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 # 1711 21D S.T.	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Jessie Tolbert	1-3-18	901	~~2710781~~	12/2018	1000	1000	(P) / F	(L) / F
ICV	" "	1-3-18	902	2710781	9/2019	100	98	(P) F	(L) / F
CCV	" "	" "	1204	2710781	4/2019	100	97	(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.	Jessie Tolbert	1-3-18	904	171121A	6/2019	7.0	7.0	+18.0	(P) / F	(L) / F
Calibr.	" "	" "	906	171121C	12/2018	4.0	4.0	153	(P) F	(L) F
Calibr.	" "	" "	910	171121B	6/2019	10.0	10.0	-189	(P) / F	(L) / F
ICV	Jessie Tolbert	1-3-18	911	171121B	6/2019	10.0	10.0	-189	(P) F	(L) / F
CCV	" "	" "	1206	171121C	12/2018	4.0	4.0	153	(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 10 171, slope from 4 to 7 171 (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 _____

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: