



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

Qualified Data

October 2017

Location/STORET Station Name: Moore Branch @ Cady Church RD Date: 1-3-18
(mm/dd/yyyy)
STORET # G1TLH0041 WBID: 977 Latitude: _____
(Decimal Degrees)
County: Jefferson RQ: 2017-12-04-48 ORG ID: 21FLTLHR Longitude: _____
(Decimal Degrees)
Receiving Body of Water: St. Marks River Field ID: G1TLH0041

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>Jessie Tolbert</u> <u>Jade Butchett</u>					☒	☒	☒	☒	☒	☒ 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 / <u>Normal</u> / Above Normal / Flooded					Meter ID# <u>YSI 6000 DO X-12</u>					Matrix: <u>Fresh</u> / Marine / DI			
Photos: Yes / <u>No</u>					Flow: No Flow / Intestinal / <u>Flowing</u> / 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 (PPT)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)			
<u>EST</u>	<u>10:15</u>	<u>1.25</u>	<u>0.50</u>	<u>13.31</u>	<u>101.3</u>	<u>5.26</u>	<u>1.01</u>	<u>0.50 S</u>	<u>28</u>	<u>4.45</u>			
CEN													

Biological Samples Collected: <u>None</u> 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 ☒ H2SO4	<u>727.5010</u>	<u>10/20/18</u>	☒ <2	
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3			☐ <2	
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 µm Filter				☒ Ice				
Chlorophyll	☒ CHLSUITE-W				☒ Ice				
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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				☐ Ice				
	☐ W-PCP-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Other				

Notes: <u>Secchi visible on bottom</u>	Place Label Here (If Available)
Signature: <u>JTB</u>	Date: <u>1-3-2018</u>

Field Parameters Entered into LIMS: JTB 1-16-18 (Initials/Date) Field Parameters QC in LIMS: PB 1-16-18 (Initials/Date)
Date Migrated to STORET: _____ (Initials/Date) Field Sheets Scanned/Saved: JTB 2/16/18 (Initials/Date)

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

Customer: TLH-ROC

Project ID: SMP

Central Laboratory Submittal Form

Requester: Chris Green

Collected By: Kyle Butcher/Jessie Tilbert

Field Report Prepared By:

Sampling Agency:

8034

last revised Apr 7, 2016

Location	Sweetwater Branch @ Coby Creek RD		☐ Comp	Collection (comp begin or grab)	Date	1-3-2018	Time	9:50	☒ Eastern	Composite end	Date		Time		Bottle Group(s)
Field ID	G1TLHROD 4B		☐ Grab	Date	1-3-2018	Time	9:50								(See pg 2)
STORER #	G1TLHROD 4B		Matrix (type, e.g., Salt, Fresh, etc)			Fresh			Diss. Oxygen			13.47			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	3.98	pH	6.21	Sample Depth	1.15	☐ ft ☒ m	Sp. Conductance (umho/cm)	413			A
Location	Moose Branch @ Coby Creek RD		☐ Comp	Collection (comp begin or grab)	Date	1-3-18	Time	10:15	☒ Eastern	Composite end	Date		Time		Bottle Group(s)
Field ID	G1TLHROD 4I		☐ Grab	Date	1-3-18	Time	10:15								A
STORER #	G1TLHROD 4I		Matrix (type, e.g., Salt, Fresh, etc)			Fresh			Diss. Oxygen			13.31			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	4.45	pH	5.26	Sample Depth	0.25	☐ ft ☒ m	Sp. Conductance (umho/cm)	228			A
Location	Lake Overstreet Drain @ N Meridian		☐ Comp	Collection (comp begin or grab)	Date	1/3/2018	Time	11:15	☒ Eastern	Composite end	Date		Time		Bottle Group(s)
Field ID	G1TLHROD 6A		☐ Grab	Date	1/3/2018	Time	11:15								A
STORER #	G1TLHROD 6A		Matrix (type, e.g., Salt, Fresh, etc)			Fresh			Diss. Oxygen			11.78			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	7.69	pH	7.32	Sample Depth	1.15	☐ ft ☒ m	Sp. Conductance (umho/cm)	183			A
Location			☐ Comp	Collection (comp begin or grab)	Date		Time		☐ Eastern ☐ Central	Composite end	Date		Time		Bottle Group(s)
Field ID			☐ Grab	Date		Time									
STORER #			Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth		☐ ft ☐ m	Sp. Conductance (umho/cm)				
Field ID			Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen						
STORER #			Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth		☐ ft ☐ m	Sp. Conductance (umho/cm)				

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

JB, JT

1/3/18 11:52

HD

2

JA

1/3/18 11:52

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>6</u>
Group: A	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab <u>3</u>

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: **YSI 600x1m#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	10.8	100	56.3	N/A	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 # 1711210 S.T.	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/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 $\pm 5\%$

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.	Jessie Tolbert	1-3-18	904	171121A	6/2019	7.0	7.0	-180	P/F	L/F
Calibr.	" "	" "	906	171121B	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 $+180 \pm 50$;

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

COMMENTS:

