



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Moore Branch @ Cody Church Rd

Date: 3/24/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0041

WBID: 977

Latitude: 30.3746372

(Decimal Degrees)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: 84.0530283

(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
Jan Woods					X		X		
Jade Bruckert						X	X	X	

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 / <u>Normal</u> / High / Flooded	Meter ID# <u>P60 DSS</u>	Matrix: <u>Fresh</u> / Marine / DI
Photos: Yes / <u>No</u>	Flow: No Flow / Intestinal / <u>Flowing</u> / NA	Tide: Rising / Falling / Slack / <u>NA</u>
Tide Times: High Low		

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>920</u>	<u>0.2</u>	<u>0.1</u>	<u>0.2</u>	<u>7.60</u>	<u>86.7</u>	<u>4.43</u>	<u>0.01</u>	<u>31</u>	<u>21.6</u>
CEN				<u>5</u>						

Biological Samples Collected:	None	HA	SCI	RPS	Algae ID	LVS	LVI	Other:
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SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:
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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>6088170</u>	<u>3/26/19</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-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 ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: <u>A-b/t/m</u> <u>pH failed calibration check</u>	Field/WIN ID Location <u>G1TLHR0041</u>	
<u>W-68321-D1</u> <u>W-68321-M5</u>		MOOREBRANCH@CODYCHURCHRD
Signature: <u>[Signature]</u>	Date: <u>3/24/18</u>	

Enter Field Parameters, Verify Station ID In LIMS DMT: <u>Jan 3/29/18</u>	QC Station ID, Field Parameters In LIMS DMT: _____
Scan/Save Field Sheets _____	Verify Data In WIN: _____
(Initials/Date)	(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

A-b/t/m

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Don Woods

Project ID: SMP

Collected By: Don Woods

Sampling Agency: 8034

Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Location		Date 5/24/18 Time 900		Date		(See pg 2)	
WIN/STOI		Sweetwater Branch @ Cody Church Rd		Matrix (type, e.g., Salt, Fresh) etc)		Diss. Oxygen 7.91		Total Res. Chlorine	
Latitude		Longitude		Temp (C) 21.9		pH 6.55		Sample Depth 0.1	
Salinity (ppt)		Comments		pH 6.55		Sp. Conductance (umho/cm) 43		A	
dd dms		dd dms		dd dms		dd dms		dd dms	
Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Location		Date 5/24/18 Time 920		Date		(See pg 2)	
WIN/STORE1		MOOREBRANCH@CODYCHURCHRD		Matrix (type, e.g., Salt, Fresh) etc)		Diss. Oxygen 7.60		Total Res. Chlorine	
Latitude		Longitude		Temp (C) 21.8		pH 4.83		Sample Depth 0.1	
Salinity (ppt)		Comments		pH 4.83		Sp. Conductance (umho/cm) 31		A	
dd dms		dd dms		dd dms		dd dms		dd dms	
Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Location		Date 5/24/18 Time 1035		Date		(See pg 2)	
WIN/STORE #		G1TLHRO0064		Matrix (type, e.g., Salt, Fresh) etc)		Diss. Oxygen 5.95		Total Res. Chlorine	
Latitude		Longitude		Temp (C) 22.0		pH 7.40		Sample Depth 0.25	
Salinity (ppt)		Comments		pH 7.40		Sp. Conductance (umho/cm) 318		A	
dd dms		dd dms		dd dms		dd dms		dd dms	
Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Location		Date 5/24/18 Time 1240		Date		(See pg 2)	
WIN/STORE #		G1TLHRO0072		Matrix (type, e.g., Salt, Fresh) etc)		Diss. Oxygen 7.70		Total Res. Chlorine	
Latitude		Longitude		Temp (C) 22.1		pH 4.47		Sample Depth 0.1	
Salinity (ppt)		Comments		pH 4.47		Sp. Conductance (umho/cm) 41		A	
dd dms		dd dms		dd dms		dd dms		dd dms	

Number of Coolers Shipped: 2

Shipping Method

Date/Time 5/24/18 1410

Relinquished By: JW

Received By: [Signature]

Date/Time

5-24-18/1410

H2504
LOT# S48085170
EXP: 03/26/19

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: D0055

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 4/17

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. Burkett	5/24/18	757	22.2	8.71	8.71	100	-	1.0	P / F	L / F
ICV		✓	807	21.6	8.81	8.82	100	-	-	P / F	L / F
CCV	Jon Woods	✓	1416	25.5	8.18	8.18	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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burkett	5/24/18	759	180403A	04/19	1000	1000	P / F	L / F
ICV		✓	809	2802833	01/20	100	101	P / F	L / F
CCV	Jon Woods	✓	1420	2802833	1/20	100	100	P / F	L / F
CCV	11			180403A	4/19	1000	999	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.	J. Burkett	5/24/18	801	17121A	06/19	7.0	7.0	-20.5	P / F	L / F
Calibr.		✓	803	180116D	06/19	4.0	4.0	134.5	P / F	L / F
Calibr.		✓	805	180221E	09/19	10.0	10.0	-18.4	P / F	L / F
ICV		✓	811	180221E	09/19	10.0	10.0	-171.6	P / F	L / F
CCV	Jon Woods			180116D	06/19	4.0	4.8	89.2	P / F	L / F
CCV	11								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 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 4/17

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

COMMENTS: