



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: 07/02/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0041

WBID: 977

Latitude: 30.3746372

(Decimal Degrees)

County: Jefferson

ORG ID: 21FTLHR

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

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# 154177

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intertidal / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	940	0.3	0.15	0.36	7.58	89.1	4.87	0.01	30	23.5
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 ☒ H2SO4	SA7341020	12/7/18	☒ <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-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			

Notes:

Kit: A-b/t/m
Group: A/B

Field/WIN ID →

Location ↓



G1TLHR0041



MOORE BRANCH @ CODY CHURCH

Signature: [Signature]

Date: 07/02/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 7/3/18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

JB 7/3/18

Migrate Data to WIN:

Verify Data In WIN:

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 name.

Meter ID: 154177

RQ:

Project: SMP2018

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

6/17

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	7/2/18	745	22.4	8.64	8.68	100	-	1.03	P/F	P/F
ICV	↓	↓	755	21.4	8.85	8.82	100	-	-	P/F	P/F
CCV	↓	↓	1210	26.3	8.07	8.05	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	7/2/18	747	180403A	04/19	1000	1000	P/F	P/F
ICV	↓	↓	757	280283	01/20	100	101	P/F	P/F
CCV	↓	↓	1	2710781	09/19	100	102	P/F	P/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.	J. Burtchett	7/2/18	749	171121A	06/19	7.0	7.0	-3.8	P/F	P/F
Calibr.	↓	↓	751	180116D	01/19	4.0	4.0	170.7	P/F	P/F
Calibr.	↓	↓	753	180221E	09/19	10.0	10.0	-175.5	P/F	P/F
ICV	↓	↓	759	180221E	09/19	10.0	10.0	-177.4	P/F	P/F
CCV	↓	↓	1	180510A	05/19	4.0	4.0	171.6	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 10 171.7, slope from 4 to 7 174.5 (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 6/17

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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Burtchett

Project ID: SMP

Collected By: J. Wood

Sampling Agency: J. Burtchett

Field Report Prepared By: J. Burtchett

Sampling Agency: 4034

Location		Field/WIN ID →		Location ↓		Sweetwater Branch @ Cody Church Rd		Field/WIN ID →		Location ↓		Sweetwater Branch @ Cody Church Rd	
Field ID		WIN/S		Latitude		Longitude		Field ID		WIN/S		Latitude	
☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms	
Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Comments		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH	
Diss. Oxygen		Sample Depth		Sp. Conductance		Total Res. Chlorine		Diss. Oxygen		Sample Depth		Sp. Conductance	
mg/L		ft		umho/cm		(mg/L)		mg/L		ft		umho/cm	
Date		Date		Date		Date		Date		Date		Date	
Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern	
Central		Central		Central		Central		Central		Central		Central	
Time		Time		Time		Time		Time		Time		Time	
Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)	
(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)	
Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Comments		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH	
Diss. Oxygen		Sample Depth		Sp. Conductance		Total Res. Chlorine		Diss. Oxygen		Sample Depth		Sp. Conductance	
mg/L		ft		umho/cm		(mg/L)		mg/L		ft		umho/cm	
Date		Date		Date		Date		Date		Date		Date	
Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern	
Central		Central		Central		Central		Central		Central		Central	
Time		Time		Time		Time		Time		Time		Time	
Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)	
(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)	
Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Comments		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH	
Diss. Oxygen		Sample Depth		Sp. Conductance		Total Res. Chlorine		Diss. Oxygen		Sample Depth		Sp. Conductance	
mg/L		ft		umho/cm		(mg/L)		mg/L		ft		umho/cm	
Date		Date		Date		Date		Date		Date		Date	
Eastern		Eastern		Eastern		Eastern		Eastern		Eastern		Eastern	
Central		Central		Central		Central		Central		Central		Central	
Time		Time		Time		Time		Time		Time		Time	
Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)	
(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)	

Relinquished By: B, JW

Date/Time: 7/2/18: 1321

Shipping Method: HO

Number of Coolers Shipped: 1

Received By: [Signature]

Date/Time: 7-2-18 13:21

Group: A	Bottle Type:	P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	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	2
	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	2
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	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	2
	W-NH3				SA734B20		
	W-NO2NO3				Exp. 12/7/18		
	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	2
	W-PO4-F						