



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: 8-16-2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0041

WBID: 977

Latitude: 30.3746372

County: Jefferson

ORG ID: 21FLTLHR

Longitude: 84.0530283

Receiving Body of Water: St Marks River

RQ-2018- 05-14-41
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>Chris Green</u> <u>Jade Burkett</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole							
										☐ Carboy	☒ Syringe								
										☐ Dipper	☐ Other								
Depth Measured with <u>Secchi</u>					Equipment ID <u>#2</u>					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>Pro DSS 154177</u>					Matrix: <u>Fresh</u> / Marine / DI									
Photos: Yes ☒ No ☐					Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising/ Falling/ Slack/ <u>NA</u>					Tide Times: High <u>Low</u>				
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	9:50	0.3	0.15	0.35	7.53	89.2	4.70	0.01	28.2	23.8									
CEN				VOB															
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		SA-8085170		3-26-19		☒ <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-CH-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					☐ Ice												
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other												

Contains: 1:1 H2SO4
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

Place Pres

Contains: 1:1 H2SO4
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

Notes:

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

Place Label Here

Signature: CKS

Date: 8-16-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: CK 8-24-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets CK 8-24-18

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 are qualified data on this page.

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	8/16/18	749	20.0	760.5	9.09	9.11	100	-	1.00	P/F	L/F
ICV			759	20.0	760.6	9.09	9.00	99	-	-	P/F	L/F
CCV			1402	23.6	761.3	8.48	8.50	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 (Pro DSS 0.75 to 1.50); 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	8/16/18	751	180403A	09/19	1000	1000	P/F	L/F
ICV			801	2802833	01/20	100	101	P/F	L/F
CCV			1404	2802833	01/20	100	100	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	8/16/18	753	17121A	06/19	7.0	19.4	7.0	-19.8	P/F	L/F
Calibr.			755	180116D	01/19	4.0	19.4	4.0	163.7	P/F	L/F
Calibr.			757	180221E	09/19	10.0	20.0	10.0	-181.9	P/F	L/F
ICV			803	180221E	09/19	10.0	20.6	10.0	-184.3	P/F	L/F
CCV			1406	180116D	01/19	4.0	20.7	4.0	161.0	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50; mV pH 4 Range +180 $\pm$ 50; mV pH 10 Range -180 $\pm$ 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)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 7/18

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: ; Date of last 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	J. Burtchett	8/16/18	805	0.00	0.0	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:

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: C. Green

Project ID: SMP

Collected By: Christy Green / Burchett

Sampling Agency: 8034

Location		Moore Branch to Lady Church Rd		☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID		61TLHR0041		☒ Grab		Date 8-16-2018 Time 9:50		☒ Central		Date		(See pg 2)	
WIN/STORET #		61TLHR0041		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine		A	
Latitude		dd dms		Temp (C) 23.8		pH 4.70		Sample Depth		ft		Sp. Conductance (umho/cm) 28.2	
Longitude		dd dms		Salinity (ppt) 0.01		Comments		☐ m					
Location				☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID				☐ Grab		Date		☐ Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		ft		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments		☐ m					
Location				☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID				☐ Grab		Date		☐ Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		ft		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments		☐ m					
Location				☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID				☐ Grab		Date		☐ Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		ft		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments		☐ m					
Location				☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID				☐ Grab		Date		☐ Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		ft		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments		☐ m					
Location				☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID				☐ Grab		Date		☐ Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		ft		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments		☐ m					

Relinquished By: C. Green

Date/Time 8-16-2018:1159

Shipping Method Hand

Number of Coolers Shipped: 1

Received By: Tyler N.

Date/Time 08/16/18 0912.01