



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

June 2016

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Data Qualified?

Yes / No

STORET Station Name: Chicken Branch at Old Plank Rd

Date: 08/22/2016

(mm/dd/yyyy)

STORET Station ID: G1WA0031

WBID: 971

Latitude: 30.3261

(Decimal Degrees)

County: Leon

RQ - 2016-08-22-24

ORG ID: 21FLWQA

Longitude: -84.1481

(Decimal Degrees)

Receiving Body of Water: St. Marks

Field ID: G1WA0031-08222016

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Curtis Musson					X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole	
John Colby Marshall				X					☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
									Equipment ID			
									Collection Method			
									☒ Wading	Via Boat		
									☐ From Shore	☐ Canoe/Kayak		
									☐ Other (note below)	☐ Electric Motor		
										☐ Gasoline Motor		
Water Level: Dry / Low / Normal / High / Flooded				Matrix: Fresh / Marine / DI				Tide Falling: Yes / No / NA				
Meter ID# Biology 2				Photos: Yes / No								
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°)		
EST	8:00	0.3	0.6	5.90	67.0	7.3	0.13	0.6(5)	276	21.6		
CEN								1013				
Biological Samples Collected: None HA SCI LVS RPS LVI Other												
Parameter Suite		Parameter Methods				Preservation		Acid Lot#		Expiration		
Preserved Nutrients		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4		6168040		6-16-17		
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO2				<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-Cl / W-COLOR / W-SO4-IC / W-TDS				☒ Ice						
Physical/Aggregate (Marine)		☐ Alkalinity / W-F / W-TSS / TURBIDITY				☐ Ice						
Macroinvertebrates		☐ MI-FW-QLDC				☐ Formalin						
Microbiology		☐ E Coli ☐ F Coli ☐ Enterococcus ☐ QPCR				☐ Ice						
Periphyton		☐ ALGAE-ID				☐ Ice						
Pesticides		☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R				☐ Ice						
		☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH				☐ Other						

Notes:

Do did not Pass CCV 'J'



G1WA0031 22 Aug 2016

Chicken Branch at Old Plank Rd

Signature:

Curtis Musson

Date:

8-22-16

Field Parameters Entered into LIMS:

(Initials/Date)

CN 8/23/16

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)

CN 8-24-16

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Do not "X" this box if there is qualified data on this page.

Meter Biology #2

RQ- 2016-08-22-24

Project SMP

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (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 06/03/2016

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.	Curtis Musson	8/22/16	709	23.12	8.562	8.55	100.0	28.8	—	P	L
ICV	Curtis Musson	8/22/16	710	23.13	8.562	8.55	99.9	28.8	—	P	L
CCV	Curtis Musson	8/22/16	1533	23.00	8.578	7.09	83.0	21.6	—	P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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.	Curtis Musson	8/22/16	713	160330D	04/2017	1000	1000	P	L
ICV	Curtis Musson	8/22/16	714	160330D	04/2017	1000	1000	P	L
CCV	Curtis Musson	8/22/16	1535	2601533	12-2017	100	99	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

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.	Curtis Musson	8/22/16	716	160330B	10/2017	7.0	7.00	-20.7	P	L
Calibr.	Curtis Musson	8/22/16	718	160330A	4/2017	4.01	4.01	158.4	P	L
Calibr.	Curtis Musson	8/22/16	720	160330C	10/2017	10.01	9.98	-181.4	P	L
ICV	Curtis Musson	8/22/16	722	160330A	4/2017	4.01	3.98	158.3	P	L
CCV	Curtis Musson	8/22/16	1538	160330C	10/2017	10.01	10.06	-175.0	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU;

mV pH7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification _____

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater

Tanyard Branch, Little River and Chicken Branch

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Benjamin Ralys

Field Report Prepared By:

Sampling Agency:

last revised Apr 7, 2016

Location		Chicken Branch @ Old Plank Rd		Collection (comp begin or grab)		Date 8/22/16		Time 0800		Eastern Composite end		Date		Time		Bottle Group(s)	
Field ID		G1WA0031 - 08222016		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen 5.9		pH 6.7		mg/L Total Res. Chlorine				(See pg 2)	
STORET #		G1WA0031		Temp (C)		21.6		pH		7.3		Sample Depth 0.3		ft		A	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.13		Comments					
Location		Killdeer Chain of Lakes Outlet at Verta Dwyer Rd		Collection (comp begin or grab)		Date 8/22/16		Time 0950		Eastern Composite end		Date		Time		Bottle Group(s)	
Field ID		G1WA0015 - 08222014		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen 6.9		pH 8.7		mg/L Total Res. Chlorine				A	
STORET #		G1WA0015		Temp (C)		27.2		pH		6.6		Sample Depth 0.15		ft		A	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.03		Comments					
Location		Tanyard Branch 100 meters upstream of Strong Rd.		Collection (comp begin or grab)		Date 8/22/16		Time 1035		Eastern Composite end		Date		Time		Bottle Group(s)	
Field ID		G1WA0005 - 08222016		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen 6.6		pH 8.4		mg/L Total Res. Chlorine				A	
STORET #		G1WA0005		Temp (C)		25.4		pH		6.8		Sample Depth 0.2		ft		A	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.07		Comments					
Location		Little River 100 meters upstream of SR 12		Collection (comp begin or grab)		Date 8/22/16		Time 1305		Eastern Composite end		Date		Time		Bottle Group(s)	
Field ID		G1WA0020 - 08222014		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen 8.5		pH 10.5		mg/L Total Res. Chlorine				A/13	
STORET #		G1WA0020		Temp (C)		26.2		pH		6.9		Sample Depth 0.3		ft		A/13	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		0.04		Comments					

Relinquished By:

Date/Time

Curtis Mason

8/22/16 1425

Shipping Method

Hand

Number of Coolers Shipped:

1

Received By:

Curtis Mason

Date/Time

8/22/16/1425

Cooler Packing Worksheet for Request: RQ-2016-08-22-24

Tanyard Branch, Little River and Chicken Branch

Ship Cooler On: 8/8/2016

Customer/Project: WQAP/SMP

Requester: Benjamin Ralys

Priority: 3

850-245-8443
2600 Blair Stone Rd
MS #3560
Tallahassee, FL 32399-2400
Attn: Benjamin Ralys

Comments:

No preservatives needed.

Bottle Group A: freshwater kits no metals

Bottle Group B: Biology SCI

Bottle Group C: Biology Algal

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00065181

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1170333

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00065372

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: ICE-FLTR

Lot # 00065393

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: PJ-2L

Qty: 2 Preservation: Formalin

Lot # BLOW ASH

Description: Plastic Jar 2 L

Analysis

MI-FW-QLDC

Description

No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Bottle Group: C

of Sites: 1

Container ID: PT-50ML

Qty: 1 Preservation: ICE

Lot # 430897

Description: Plastic Tube 50 mL

Analysis

ALGAL_ID

Description

Qualitative assessment of algal taxa present without counts

Cooler Packed By: 2 coolers Cu Date: 8/15/16
DEP Cooler ID #(s): _____

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle (1 per cooler)
- ☒ FedEx Bills, if applicable (1 per cooler)
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Lot # _____
ID <u>N/A</u>	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2016-08-22-24