



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

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Data Qualified?

Yes / No

March 2017

Location/STORET Station Name: Big Branch 50 meters upstream of CR 67

Date: 4/19/2017

(mm/dd/yyyy)

STORET # G1WA0001

WBID: 1049

Latitude: 30.3110

(Decimal Degrees)

County: Liberty RQ - 2017-04-17-20

ORG ID: 21FLWQA

Longitude: -84.7651

(Decimal Degrees)

Receiving Body of Water: Telogia Creek

Field ID: G1WA0001_04192017

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ben Ralys						☒			
Diana Turner							☒	☒	☒
Robert Wiwi					☒				

Sampling Equipment	
☒ Sample Container	☐ Van Dorn ☐ Pole
☐ 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 / Pooled / <u>Low</u> / Normal / High / Flooded					Matrix: <u>Fresh</u> / Marine / DI									
Meter ID# <u>Bio 2</u>					Photos: <u>Yes</u> / No					Tide Falling: Yes / No / <u>NA</u>				
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>11:40 AM</u>	<u>0.15</u>	<u>0.3</u>	<u>8.41</u>	<u>89.9</u>	<u>6.34</u>	<u>0.02</u>	<u>103</u>	<u>44</u>	<u>18.50</u>				
CEN														

Biological Samples Collected:	<u>None</u>	HA	SCI	RPS	Algae ID	LVS	LVI	Other
SBIO ID Numbers:	SBIO-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:				

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	<u>6302030</u>	<u>10/28/17</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-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 ☐ qPCR	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: 1-KIT A, SCI, RPS Field ID → Big Branch 50 meters upstream of CR 67 April 19, 2017		Big Branch 50 meters upstream of CR 67	STORET ↓
Signature: <u>Diana Turner</u>	Date: <u>4/19/17</u>		

Field Parameters Entered into LIMS: <u>DT 4/20/17</u>	Field Parameters QC in LIMS: _____
Date Migrated to STORET: _____	Field Sheets Scanned/Saved: <u>DT 4/20/17</u>
(Initials/Date)	(Initials/Date)

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 **Biology 2**

RQ- **2017-04-17-20**

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 **03/06/2017**

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.	Robert Wini	4/19/17	7:02	22.38	8.677	8.68	100.0	42.0	—	P	L
ICV	Robert Wini	↓	7:03	22.34	8.677	8.68	100.0	42.0	—	P	L
CCV	↓	↓	13:19	23.03	8.578	8.68	101.2	42.0	—	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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Robert Wini	4/19/17	7:04	161111D	11/17	1000	1000	P	L
ICV	Robert Wini	↓	7:05	161111D	11/17	1000	1000	P	L
CCV	↓	↓	13:21	170310E	3/18	100	102	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.	Robert Wini	4/19/17	7:06	161111B	5/18	7.0	7.00	-19.6	P	L
Calibr.	↓	↓	7:08	161111A	11/17	4.0	4.00	159.0	P	L
Calibr.	↓	↓	7:10	161111C	5/18	10.0	4.95	-182.5	P	L
ICV	↓	↓	7:13	161111A	11/17	4.0	3.94	159.9	P	L
CCV	↓	↓	13:22	161111C	5/18	10.0	9.89	-174.3	P	L
CCV										

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

mV pH7 Range 0 $\pm$ 50;

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

mV pH 10 Range -180 $\pm$ 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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central Lab Sample Submittal Form

Requester: Curtis Mussion

Field Report Prepared By: Diana Turner

Sampling Agency: FDEP

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Request Number: RO-2017-04-17-20

SMP WQ-ASSESS

Customer: SMP

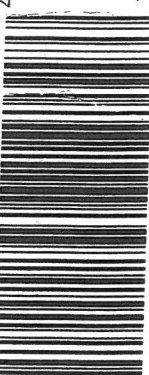
Location

Field ID: →

Black Creek
upstream of
Bloxham Cutoff

April 19, 2017

ATWA0023_04192017



STORET ↓

Black Creek
upstream of
Bloxham Cutoff



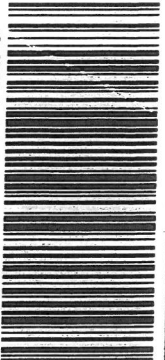
ATWA0023

Field ID: →

Big Branch 50
meters upstream
of CR 67

April 19, 2017

ATWA0001_04192017



STORET ↓

Big Branch 50
meters upstream
of CR 67



ATWA0001

Location

Field ID

STORET #

Collection (comp begin or grab)		Collection (comp begin or grab)		Collection (comp begin or grab)	
Matrix (Salt, Fresh)	Date	Time	Matrix (Salt, Fresh)	Date	Time
☒ Grab	4/19/17	11:40 AM	☒ Grab	4/19/17	7:13
Temp (C)	19.148	pH	4.40	Sample Depths (m)	0.2
Salinity (ppt)		Comments		Sp. Conductance (umho/cm)	42
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)		Bottle Group(s)	
30.3110		-84.3858		A, B	
☐ Comp			☐ Comp		
☐ Grab			☐ Grab		
Temp (C)	18.50	pH	6.34	Sample Depths (m)	0.15
Salinity (ppt)		Comments		Sp. Conductance (umho/cm)	44
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)		Bottle Group(s)	
30.3110		-84.7651		A	

Relinquished By: Diana Turner

Date/Time 4/19/17

1:05 pm

Number of Coolers 1

Received By: AT

Date/Time 4-19-17

13:05

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 4	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	2
	MI-FW-QLDC						