



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

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Data Qualified?

Yes / No

June 2016

STORET Station Name: Big Cypress Branch 100 meters upstream of CR 67Date: 10/26/2016

(mm/dd/yyyy)

STORET Station ID: G1WA0003WBID: 1023Latitude: 30.3459

(Decimal Degrees)

County: LibertyRQ - 2016-10-24-30ORG ID: 21FLWQALongitude: -84.7829

(Decimal Degrees)

Receiving Body of Water: Telogia CreekField ID: G1WA0003_10252016

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Ben Ralys									☒ Sample Container	☐ Van Dorn	☐ Pole	
Robert Wiwi									☐ 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 / <u>Low</u> / Normal / High / Flooded				Matrix: <u>Fresh</u> / Marine / DI								
Meter ID# <u>Biology #2</u>				Photos: Yes / <u>No</u>					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>1000</u>	<u>0.15</u>	<u>0.3</u>	<u>8.24</u>	<u>83.2</u>	<u>7.53</u>	<u>0.23</u>	<u>1013</u>	<u>482</u>	<u>15.63</u>		
CEN												
Biological Samples Collected: None HA SCI <u>LVS</u> <u>RPS</u> LVI Other												
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>SA-6209120</u>	<u>7/27/17</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					
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:

SPID: 77030
RPS: 8391Big Cypress Branch
100 meters upstream
of CR 67

STORET ↓



G1WA0003

Field ID →

Big Cypress
Branch 100
meters upstream
of CR 67

Oct 26, 2016



G1WA0003-10262016

Signature:

Ben Ralys

Date:

10/26/16Field Parameters Entered into LIMS: DT 10/27/16
(Initials/Date)Field Parameters QC in LIMS: _____
(Initials/Date)Date Migrated to STORET: _____
(Initials/Date)Field Sheets Scanned/Saved: _____
(Initials/Date)

Big Cypress Branch 100 meters upstream of CR 67

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: 61WA0003 rw County: Liberty Date: 10/26/16 Investigators: Ben Ralys

STORET Station Number: 61WA0003

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	
0	1	N	N		60	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
10	1	N	N		70	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			89	
	6					6				
	7					7				
	8					8				
	9					9				
20	1	N	N		80	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			95	
	6					6				
	7					7				
	8					8				
	9					9				
30	1	N	N		90	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
40	1	N	N		100	1	N	N		
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
50	1	N	N			1	N	N		
	2					2				
	3					3				
	4			96		4				
	5			96		5				
	6					6				
	7					7				
	8					8				
	9					9				

Secchi depth VOB
Estimated? N

points ranked 4-6 0
total points assessed 99
% points ranked 4-6 0

Check accompanying data collected at same site/date.

Algal mat sample ☐

Linear Veg Survey ☒

Habitat Assessment ☐

SCI/Biorecon ☐

Water sample ☐

RQ- 206-10-24-30

Algal Thickness Rank	
N	rough, no algae, slimy, algae up to 1mm
3	>1mm - 6mm
4	>6mm - 20mm
5	>20mm - 10 cm
6	>10 cm

SBIO: 77030
RPS: 8391

Record "N" and check "Estimated" for points deeper than the Secchi depth; algae are presumed absent. Check "Estimated" if thickness estimated for deep points which can be seen but not reached.

Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.

Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.

Collect algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.

Waterbody: Big Cypress Branch	Date: 10/26/16	County: Liberty	Storet Number: 61WA0003
Analyst: Ben Ralys	Signature:		

Comments: SMP Sampling

[illegible]**Notes:**

> 50% Macrophyte Coverage

$\square < 2m^2$

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 Biology #2

RQ- 2016-10-24-30

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 09/23/2016

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.	Robert Wini	10/26/16	7:12	20.9	8.9	8.9	100	74.7	—	P	L
ICV	Robert Wini	10/26/16	7:13	21.0	8.9	8.9	100	73.7	—	P	L
CCV	Robert Wini	10/26/16	13:12	21.3	8.9	8.8	99	59.4	—	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	10/26/16	7:15	160330D	4/17	1000	1000	P	L
ICV	Robert Wini	10/26/16	7:16	160330D	4/17	1000	1000	P	L
CCV	Robert Wini	10/26/16	13:13	2510F2S	10/17	100	100	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	10/26/16	7:20	160330B	10/17	7.0	7.0	-20.6	P	L
Calibr.	Robert Wini	10/26/16	7:22	160330A	4/17	4.0	4.0	156.8	P	L
Calibr.	Robert Wini	10/26/16	7:25	160330C	10/17	10.0	10.0	-188.6	P	L
ICV	Robert Wini	10/26/16	7:28	160330C	10/17	10.0	10.0	-188.7	P	L
CCV	Robert Wini	10/26/16	13:14	160330A	4/17	4.0	4.0	155.1	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 $\pm 0.05m$, whichever is greater

Sampling Agency:

Relinquished By: 	Date/Time 10/26/16 17:56	Shipping Method	Number of Coolers Shipped:	Received By: 	Date/Time 10.26.16 12:57
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Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00064947

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: 4 Preservation: ICE-FLTR

Lot # 00065449

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 # BIO-WASH

Description: Plastic Jar 2 L

Analysis

MI-FW-QLDC

Description

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

Bottle Group: C

of Sites: 2

Container ID: PT-50ML

Qty: 2 Preservation: ICE

Lot # 03715003

Description: Plastic Tube 50 mL

Analysis

ALGAL_ID

Description

Qualitative assessment of algal taxa present without counts

Cooler Packed By: CR Date: 10/25/16
DEP Cooler ID #(s): 2 Red Coolers

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 _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2016-10-24-30