



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No

WIN Station Name: Big Branch 50 meters upstream of CR 67

Date: 6/13/18

WIN/ Field ID: G1WA0001

WBID: 1049

Latitude: 30.3110

(mm/dd/yyyy)

County: Liberty

ORG ID: 21FLWQA

Longitude: -84.7651

(Decimal Degrees)

Receiving Body of Water: Ochlockonee River

RQ-2018- 06-11-30

(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Ben Ralys						X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole		
Will Lasley					X					☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>meter stick</u>				
										Equipment ID				
										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>Biology #2</u>					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u> / Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising/ Falling/ Slack/ <u>NA</u>					Tide Times: High <u>NA</u> Low <u>NA</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°)				
<u>EST</u>	<u>0945</u>	<u>0.6</u>	<u>0.3</u>	<u>0.4</u>	<u>7.74</u>	<u>87.8</u>	<u>5.96</u>	<u>0.01</u>	<u>34</u>	<u>21.58</u>				
CEN														
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#: <u>2000525</u>														
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			☐ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☐ W-P04-F ☐ Field Filtered 0.45 µm Filter					☐ Ice								
Chlorophyll	☐ CHLSUITE-W					☐ Ice								
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-S04-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-E8321-DI ☒ W-E8321-MS					☒ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI					☐ Ice								
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Other								

Notes:

FW Bact
Tracers
Markers

Big Branch 50
meters upstream
of CR 67

WIN ID/Field ID



G1WA0001

Signature:

[Signature]

Date:

6/15/18

Enter Field Parameters, Verify Station ID in LIMS DMT: BBB 6/15/18

QC Station ID, Field Parameters in LIMS DMT: Cm 6-15-18

Scan/Save Field Sheets Cm 6/15/18

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 page.

Meter ID: Biology #2

RQ- 2018-06-11-30

Project: SMP

- 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 _____

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.	Ben Ralys	6/13/18	7:01	22.33	8.69	8.69	100.0	66.5	—	(P) F	(L) F
ICV	Ben Ralys	6/13/18	7:03	22.32	8.69	8.69	100.0	66.5	—	(P) F	(L) F
CCV	Will Lasley	6/13/18	14:20	25.97	8.12	8.38	103.2	68.6	—	(P) F	(L) F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.	Ben Ralys	6/13/18	7:04	171005D	10/20/18	1,000	1,000	(P) F	(L) F
ICV	Ben Ralys	6/13/18	7:05	171005D	10/20/18	1,000	1,000	(P) F	(L) F
CCV	Will Lasley	6/13/18	14:24	180326A	04/20/19	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	6/13/18	7:09	171005B	4/20/19	7.0	6.98	21.4	(P) F	(L) F
Calibr.	Ben Ralys	6/13/18	7:11	180326C	4/20/19	4.0	4.00	197.4	(P) F	(L) F
Calibr.	Ben Ralys	6/13/18	7:14	171005C	4/20/19	10.0	9.95	-141.2	(P) F	(L) F
ICV	Ben Ralys	6/13/18	7:16	171005C	4/20/19	10.0	9.93	-140.4	(P) F	(L) F
CCV	Will Lasley	6/13/18	14:26	180326C	04/20/19	4.0	3.79	206.7	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 _____, slope from 4 to 7 _____ (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 _____

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: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Labrs, Will Lasley

Project ID: SMP

Collected By:

Sampling Agency: FDEP

Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Unnamed Run		61WA00078		Date 6/13/18 Time 1045		Date		A	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Fresh		89.6			
Latitude		30.534138		Temp (C) 21.12		pH 3.98		Sample Depth 0.125	
Longitude		-84.774916		Salinity (ppt) 0.01		Sp. Conductance (umho/cm)		29	
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Whittle Run		61WA00079		Date 6/13/18 Time		Date		A	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Fresh					
Latitude				Temp (C)		pH		Sample Depth	
Longitude				Salinity (ppt)		Comments		DID NOT SAMPLE	
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Big Branch 50		61WA00001		Date 6/13/18 Time 0945		Date		C	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Fresh		87.8			
Latitude		30.3110		Temp (C) 21.58		pH 5.96		Sample Depth 0.3	
Longitude		-84.7651		Salinity (ppt) 0.01		Sp. Conductance (umho/cm)		34	
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Freeman Creek upstream		61WA00010		Date 6/13/18 Time 900		Date		A	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
WIN/STORET #				Fresh		76.3			
Latitude		30.3887		Temp (C) 22.20		pH 3.89		Sample Depth 0.3	
Longitude		-84.5844		Salinity (ppt) 0.02		Sp. Conductance (umho/cm)		52	

Relinquished By:

Ben Labrs

Date/Time

6/13/18

Shipping Method

hand Delivered

Number of Coolers Shipped:

3

Received By:

[Signature]

Date/Time

6/13/18 14:1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Roberts, Will Lasley

Project ID: SMP

Collected By: Ben Roberts, Will Lasley

Sampling Agency: FDEP

Location		WIN ID / Filed ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STORET #	Latitude	Longitude	Temp (C)	pH	Diss. Oxygen	Total Res. Chlorine	Sp. Conductance	(See pg 2)
Little River	100 meters upstream of US 90	30.554619	-84.513191	23.89	6.74	91.4	73		A
Quincy Creek	100 meters upstream of Ralph Strong Rd	30.5837	-84.5503	23.55	6.71	100.3	63		A, B
Quincy Creek	upstream of SR 65	30.599	-84.576	23.15	6.52	97.3	59		A, B
Juniper Creek	Upstream of Juniper Creek Rd	30.531	-84.736	22.48	5.81	57.3	82		A

Relinquished By: Ben Roberts	Date/Time: 6/13/18	Shipping Method: hand Delivered	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time: 6/13/18
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Group: C	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	J
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1