



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
☒ Yes / ☐ No

WIN Station Name: Willacoochee Creek at 161

Date: ~~1/20/2020~~ 1/29/2020
(mm/dd/yyyy)

WIN/ Field ID: G1WA0087 ✓

WBID: 410

Latitude: 30.0374

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLWQA

Longitude: -84.5008

(Decimal Degrees)

Receiving Body of Water: Little River

RQ-2020- 01-27-10

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Avril Wood-McGrath					
Blake Spencer	X	X	X	X	X

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☒ Syringe	☐ Pole
☐ 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>
Photos: Yes ☐ No ☒	Flow: No Flow / <u>Flowing</u> / NA
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#:
Notes:	

Duplicate Sample

Time Zone: EST CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: EST CEN Time: _____	Field ID: _____ (Blank Type_DDMYYYY)
DI Source: _____	Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	Equipment ID: _____

LIMS EVENT ID: WAS-SECT-2020-01-29-01

WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: BAK 2/6/20
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: AMM 2/17/2020
(Initials/Date)

Scan/Save Field Sheets _____
(Initials/Date)

Migrate Data to WIN: _____
(Initials/Date)

Verify Data In WIN: _____
(Initials/Date)



RQ-2020- 01-27-10
Customer: WAS-SECT
Project ID: SMP

Collected By: Blake Spencer, Amil Wood-McGrath
 Field Report Prepared By: Blake Spencer
 Sampling Agency: FDEP

WIN ID / FILED ID → G1WA0087 ✓ Location Villacoochee Creek at 161						Comments:				
Matrix: <u>Fresh</u> / Marine						(Check one) ☒ GRAB ☐ COMPOSITE				
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
1/29/20 ✓	1104 ✓ EST / CST	12.2 ✓	106.2% ✓	9.65 ✓	6.20 ✓	0.15 ✓ 0.3 ✓	VOB (S)	0.3 ✓	67 ✓	0.03 ✓
Cental Lab please use top row for login purposes ↑										
EST / CST										
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML) ✓		☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP Lot # <u>SA9129100</u> Exp: <u>5/9/20</u>				☒ Ice ☒ H2SO4* ☒ <2			1	A
Metals (P-500ML) ✓		☒ W-ICPMS ☒ W-ICP ☐ W-HARD Lot # <u>WA9189090</u> Exp: <u>7/8/2020</u>				☒ Ice ☒ HNO3* ☒ <2			1	A
Filtered Nutrients (P125ML) ✓		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter Lot # <u>16803985</u> Syringe Lot # <u>8054813</u>				☒ Ice			1	A
Chlorophyll (BP-1L) ✓		☒ CHLSUITE-W				☒ Ice			1	A
Physical/Aggregate (Fresh) (P-1L) ✓		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice				
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-500ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle) ✓		☒ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab				☒ Ice			2	A
Molecular (QPCR-P-500ML)		☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes				☐ Ice			1	A
Tracers (BG-500ML) ✓		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice				
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
Name: <u>Blake Spencer</u>						Signature: <u>Blake Spencer</u>		Date: <u>1/29/20</u>		

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Strategic Monitoring Program

CHAIN OF CUSTODY FORMDate: 1/28/2020Customer: WAS-SECTRQ - 2020-01-27-10Number of Coolers Shipped: 1Collected By: Blake Spencer, Amil Wood-MinathSampling Agency: FDLPProject ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB.

FIELD ID (Labels) submitted under this RQ for this collection date.WIN ID /
FILED ID →

G1WA0073

Location Little River 100 meters
upstream of US 90WIN ID /
FILED ID →~~G1WA0097~~

CM G1WA0098

Location Hurricane Creek at US 90

WIN ID /
FILED ID →

G1WA0087

Location Willacoochee Creek at 161

WIN ID /
FILED ID →

G1WA0020

Location Little River 100 meters upstream of SR 12

RELINQUISHED BY (SIGNATURE):

DATE/TIME: 1/28/2020

18:27

☒ EST
☐ CST**THIS SECTION IS TO BE COMPLETED BY THE LABORATORY**

Received/ Inspected By (signature):

Received/ Inspected Date: 1/29/20

Received/ Inspected Time:

3:45pm☒ EST
☐ CST

Sample Receipt Temperature (Degrees Centigrade): _____

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: BioLogv #2

RQ: 2020-01-27-10

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification _____

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.	Blake Spencer	1/29/20	0732	19.35	760.0	9.202	9.21	100.0	52.3	—	P/F	L/F
ICV	Blake Spencer	1/29/20	0733	19.35	760.0	9.202	9.20	99.9	51.2	—	P/F	L/F
CCV	Blake Spencer	1/29/20	1606	17.67	760.	9.526	9.70	102.8	52.3	—	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.	Blake Spencer	1/29/20	0736	190618F	06/2020	1000	1000	P/F	L/F
ICV	Blake Spencer	1/29/20	0738	190618F	06/2020	1000	999	P/F	L/F
CCV	Blake Spencer	1/29/20	1613	290618F	06/2021	100	102	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.	Blake Spencer	1/29/20	0752	190618B	12/2020	7.02	19.38	7.00	-44.6	P/F	L/F
Calibr.	Blake Spencer	1/29/20	0757	191120A	06/2021	4.00	19.51	4.00	129.5	P/F	L/F
Calibr.	Blake Spencer	1/29/20	0801	190618C	12/2020	10.06	19.51	10.06	-213.7	P/F	L/F
ICV	Blake Spencer	1/29/20	1615	191120A	06/2021	4.00	19.51	4.13	130.0	P/F	L/F
CCV	Blake Spencer	1/29/20	1615	190618C	12/2020	10.05	19.50	10.03	-212.2	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)

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: _____

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						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: