



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes

No

10

WIN Station Name: Pine Barn Creek at Woodrest Rd.

Date: 2/19/19

(mm/dd/yyyy)

WIN/ Field ID: G3WA0011

WBID: 235

Latitude: 30.8358

(Decimal Degrees)

County: Jackson

ORG ID: 21FLWQA

Longitude: -85.4488

(Decimal Degrees)

Receiving Body of Water: Alligator Creek

RQ- 2018-11-05-17

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Blake Spencer										☒ Sample Container	☐ Van Dorn	☐ Pole		
Avril Wood-McGrath										☐ 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# Biology #2					Matrix: <u>Fresh</u> / Marine / DI				
Photos: <u>Yes</u> / No					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°)				
EST	1420	0.2	0.1	VOB	7.36	50.6	5.66	0.02	46	16.31				
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>2063720</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	<u>SA8101020</u>	<u>4/11/19</u>	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>10827054</u>							
Chlorophyll	☒ CHLSUITE-W					☒ Ice								
Physical/Aggregate (Fresh)	☒ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CHC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS					☒ Ice								
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-BR-IC / ☐ 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-BacR ☐ PCR-GULL2					☒ Ice								
	☒ PCR-HF183 ☒ PCR-DG3 ☐ PCR-GFD													
Tracers	☒ W-E8321-DI ☒ W-E8321-MS					☒ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI					☐ Ice								
	☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA													
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice								
Notes:														
Signature: <u>[Signature]</u> Date: <u>2/19/19</u>														
WIN ID / FILED ID → <u>G3WA0011</u>														
Location <u>Pine Barn Creek at Woodrest Rd</u>														

Contains 1:1 H2SO4
Lot No: SA8101020
Expires: 04/11/19
See Safety Data Sheet (SDS)

Contains 1:1 H2SO4
Lot No: SA8101020
Expires: 04/11/19
See Safety Data Sheet (SDS)

LIMS EVENT ID: WAS-SBCT-2019-02-20-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: 888 2/20/19

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

Handy "X" this box if there is qualified data on this page.

Meter ID: Biology #2

RQ- 2018-11-05-17

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 11/24/18

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.	Blake Spencer	2/19/19	0822	19.75	9.129	9.14	100.0	90.0	—	P/F	L/F
ICV	1	1	0824	17.69	9.147	9.14	99.9	90.0	—	P/F	L/F
CCV										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.	Blake Spencer	2/19/19	0814	1805F81	05/2020	100	100	P/F	L/F
ICV	1	1	0815	1805F81	05/2020	100	100	P/F	L/F
CCV			1830	180221A	03/2019	500	480	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.	Blake Spencer	2/19/19	0759	180403C	10/2019	7.0	7.00	-6.4	P/F	L/F
Calibr.		2/19/19	0805	180621A	07/2019	4.0	4.00	164.7	P/F	L/F
Calibr.		2/19/19	0810	180621E	01/2020	10.0	10.00	-178.1	P/F	L/F
ICV		2/19/19	0812	180621F	01/2020	10.0	10.00	-172.9	P/F	L/F
CCV		2/19/19	1833	180621A	07/19	4.0	4.08	165.8	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	Blake Spencer	2/19/19	0825	0.00	0.00	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:

DO Membrane fell off for last two sites

Form effective October 1, 2017

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Alligator Creek

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Anil Wood-Misra

Project ID: NWQI

Collected By:

Sampling Agency:

FDEP

Location		WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location	dd	dms	dd	dms	Date	Time	Date	Time
WIN/STORET #	G3WA0009					2.19.19	13:55		
Latitude	30.9545								
Longitude	-85.4443								
Scurlock Creek at Pilgrimage Rd									
Location		WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location	dd	dms	dd	dms	Date	Time	Date	Time
WIN/STORET #	G3WA0009					2.19.19	13:23		
Latitude	30.9735								
Longitude	-85.4723								
Alligator Creek upstream of Bentley Rd									
Location		WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location	dd	dms	dd	dms	Date	Time	Date	Time
WIN/STORET #	G3WA0011					2.19.19	14:20		
Latitude	30.8358								
Longitude	-85.4488								
Pine Barn Creek at Woodrest Rd									
Location		WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location	dd	dms	dd	dms	Date	Time	Date	Time
WIN/STORET #	G3WA0010					2.19.19	15:00		
Latitude	30.8069								
Longitude	-85.4603								
Unnamed Creek at Woodrest Rd									

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	2/20/19 0757	Hand Delivered	5	SK	2.20.19/7:57

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: NWQI

Requester: Curtis Musson

Field Report Prepared By: *April Wood-McCarty*Collected By: *April Wood-McCarty*Sampling Agency: *FDEP*

Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STORET #	Comp Grab	Date	Time	Date	Time	(See pg 2)
30.43682		☒ dd	2.19.19	10:30			
 G3WA0008 Minnow Creek At Lovewood Rd		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen	Total Res. Chlorine 80.3		
Latitude 30.43682		Temp (C) 14.92		pH	Sample Depth 0.2		43
Longitude -85.52943		Salinity (ppt) 0.02		Sp. Conductance (umho/cm) 43		C	
30.819		☒ dd	2.19.19	11:20			
 G3WA0005 Alligator Creek Upstream of SR 273		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen	Total Res. Chlorine 85.4		
Latitude 30.819		Temp (C) 15.46		pH	Sample Depth 0.3		57
Longitude -85.5042		Salinity (ppt) 0.02		Sp. Conductance (umho/cm) 57		B	
30.812154		☒ dd	2.19.19	15:35			
 G3WA0013 Unnamed Creek at Palmview Rd		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen	Total Res. Chlorine 85.4		
Latitude 30.812154		Temp (C) 17.79		pH	Sample Depth 0.1		43
Longitude -85.454192		Salinity (ppt) 0.02		Sp. Conductance (umho/cm) 43		A	
30.88673		☒ dd	2.19.19	12:45			
 G3WA0006 Little Alligator Creek at SR 273		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>		Diss. Oxygen	Total Res. Chlorine 85.4		
Latitude 30.88673		Temp (C) 15.46		pH	Sample Depth 0.3		55
Longitude -85.46802		Salinity (ppt) 0.02		Sp. Conductance (umho/cm) 55		A	

Relinquished By: <i>[Signature]</i>	Date/Time: 2/10/0757	Shipping Method: <i>Hand Delivered</i>	Number of Coolers Shipped: 5	Received By: <i>SR</i>	Date/Time: 2-20-19/7:57
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Group: B	Bottle Type: W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3 LOT# N46350070 EXP: 03/21/19	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 H2SO4 LOT# S48101020 EXP: 04/11/2019	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab

Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
					H2SO4 Lot# 998101028 Exp: 04/11/2019	
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					