



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes ☒ No ☐

10

WIN Station Name: Little Alligator Creek at SR 273

Date: 2/19/19

(mm/dd/yyyy)

WIN/ Field ID: G3WA0006

WBID: 123

Latitude: 30.88873

(Decimal Degrees)

County: Jackson

ORG ID: 21FLWQA

Longitude: -85.46802

(Decimal Degrees)

Receiving Body of Water: Alligator Creek

RQ- 2018-11-05-17

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ 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 / Normal / High / Flooded
Photos: Yes ☒ No ☐ Flow: No Flow / Intestinal / Flowing / NA
Meter ID# Biology #2
Matrix: fresh Marine / DI
Tide: Rising/ Falling/ Slack/ NA
Tide Times: High NA Low NA

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	12:45	0.6	0.3	WOB	8.53	85.4	5.97	0.02	55	15.46
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: 2063723

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-PO4-F ☐ Field Filtered 0.45 um Filter	☒ Ice	10827054		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CH-IC / ☒ 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 ☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☒ Ice			
Tracers	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

WIN ID / FILED ID → G3WA0006

Location Little Alligator Creek at SR 273

Signature: [Signature] Date: 2/19/19

LIMS EVENT ID: WAS-SECT-2019-02-20-01 WIN Import ID:

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

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) 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)

Do not "X" this box if there is qualified data on this page.

Meter ID: Biolosv #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	1905F81	05/2020	100	100	P/F	L/F
ICV	1	1	0815	1905F81	05/2020	100	100	P/F	L/F
CCV			1830	190221A	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	190621F	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

Field Report Prepared By:

Collected By:

Curtis Musson
Field Report Prepared By: April Wood-McGrath
Sampling Agency: April Wood-McGrath/Blake Spencer FDEP

Location	WIN ID / FILED ID → G3WA0009 Scurlock Creek at Pilgrim Rd	Collection (comp begin or grab) Date 2.19.19 Time 13:55	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 96.2	Total Res. Chlorine (mg/L)
Latitude	Longitude 30.9545	Temp (C) 15.96	pH 5.72	Sp. Conductance (umho/cm) 47
Location	Latitude 30.9545	Salinity (ppt) 0.02	Comments	
Field ID	WIN/STORET #	Collection (comp begin or grab) Date 2.19.19 Time 13:23	Composite end Date _____ Time _____	Bottle Group(s)
Latitude	Longitude 30.9735	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 100.4	Total Res. Chlorine (mg/L)
Field ID	WIN/STORET #	Temp (C) 15.83	pH 6.48	Sp. Conductance (umho/cm) 56
Latitude	Longitude 30.9735	Salinity (ppt) 0.63	Comments	
Location	WIN ID / FILED ID → G3WA0011 Pine Barn Creek at Woodrest Rd	Collection (comp begin or grab) Date 2/19/19 Time 14:20	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 50.8	Total Res. Chlorine (mg/L)
Latitude	Longitude 30.8358	Temp (C) 16.31	pH 5.66	Sp. Conductance (umho/cm) 46
Location	Latitude 30.8358	Salinity (ppt) 0.02	Comments	
Field ID	WIN ID / FILED ID → G3WA0010 Unnamed Creek at Woodrest Rd	Collection (comp begin or grab) Date 2.19.19 Time 15:00	Composite end Date _____ Time _____	Bottle Group(s)
Latitude	Longitude 30.8069	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen	Total Res. Chlorine (mg/L)
Field ID	WIN/STORET #	Temp (C) 15.90	pH 5.65	Sp. Conductance (umho/cm) 37
Latitude	Longitude 30.8069	Salinity (ppt) 0.02	Comments	

Relinquished By: <i>[Signature]</i>	Date/Time 2/20/19 0757	Shipping Method Hand Delivered	Number of Coolers Shipped: 5	Received By: <i>[Signature]</i>	Date/Time 2-20-19/17:57
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Fr. Wood-Mason
FDEP

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<i>[Signature]</i>	2/10/0757	Hand Delivered	5	<i>[Signature]</i>	2-20-19/7157

D-4-E-11

Date/Time 2-20-19/7157

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 4
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 4

Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
H2SO4 LOT# S08101020 EXP: 04/11/2019						
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab