



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

PAGE 1 OF 6

Data Qualified?
Yes / No

STORET Station Name: Pine Barn Creek at Woodrest Rd

Date: 01/11/2017

(mm/dd/yyyy)

STORET Station ID: G3WA0011

WBID: 235

Latitude: 30.8358

(Decimal Degrees)

County: Jackson RQ - 2016-11-07-22

ORG ID: 21FLWQA

Longitude: -85.4488

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

Field ID: G3WA0011-01112017

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Curist Musson				☒	☒				☒ Sample Container	☐ Van Dorn	☐ Pole	
Diana Turner						☒	☒	☒	☐ 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 / Pooled / Low / <u>Normal</u> / High / Flooded												
Meter ID# Biology 2				Photos: <u>Yes</u> / No				Matrix: <u>Fresh</u> / Marine / DI				
								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°)		
EST	10:10 AM	0.15	0.3	6.41	57.6	5.62	0.02	V013	42	10.58		
				6.75	62.3							
				DT 11/11/17								

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

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

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	6242080	8/29/17	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO2			☐ <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-CI-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FWLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other			

Contains
1:1
Sulfuric Acid
SA-6242080
EXP: 08/29/17
Warning!
See SDS

Notes: 1-Kit A	Field ID → Pine Barn Creek at Woodrest Rd Jan 11, 2017	G3WA0011_01112017	STORET ↓ Pine Barn Creek at Woodrest Rd G3WA0011
Signature: <u>Diana Turner</u>		Date: <u>1/11/2017</u>	

Field Parameters Entered into LIMS: DT 1/12/17
(Initials/Date)

Field Parameters QC in LIMS: _____
(Initials/Date)

Date Migrated to STORET: _____
(Initials/Date)

Field Sheets Scanned/Saved: DT 1/12/17
(Initials/Date)

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

boldly "X" this box if there is qualified date on this page.

Meter Biology #2

RQ- 2016-11-07-22

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.	Curtis Mussen	1-11-17	713	18.87	9.295	9.30	100.0	44.1		P	L
ICV	Curtis Mussen	1-11-17	715	18.88	9.295	9.30	100.0	44.1		P	L
CCV	Curtis Mussen	1-11-17	1426	19.89	9.111	14.1	154.4	42		Fail	LAD
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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Mussen	1-11-17	0717	161111D	11/2017	1,000	1,000	P	L
ICV	Curtis Mussen	1-11-17	0718	161111D	11/2017	1,000	1,000	P	L
CCV	Curtis Mussen	1-11-17	1428	161111E	5-2017	100	102	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.	Curtis Mussen	1-11-17	0720	161111B	5/2018	7.0	7.00	-24	P	L
Calibr.	Curtis Mussen	1-11-17	0722	161111A	11-2017	4.01	4.01	154	P	L
Calibr.	Curtis Mussen	1-11-17	0724	161111C	5-2018	10.01	9.96	-186	P	L
ICV	Curtis Mussen	1-11-17	0726	161111A	11-2017	4.01	3.91	157	P	L
CCV	Curtis Mussen	1-11-17	1430	161111C	5-2018	10.01	9.98	-188	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU;

mV pH7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 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 ± 0.05 m, whichever is greater

Request Number: RQ-2016-11-07-22
Alligator Creek Stations
Customer: WQAP
Project ID: SMP
Location

Requester: Benjamin Ralys
Collected By: Curtis Muzzon, Diana Turner
Field Report Prepared By: Diana Turner
Sampling Agency: FDEP

Page 1 of 3

Field ID →
Alligator Creek
upstream of
SR 273
Jan 11, 2017
G3WA0005-e112017
STORET ↓
G3WA0005

Field ID →
Alligator Creek
upstream of SR 273
Jan 11, 2017
G3WA0006-e112017
STORET ↓
G3WA0006

Field ID →
Alligator Creek
upstream of SR 273
Jan 11, 2017
G3WA0004-e112017
STORET ↓
G3WA0004

Field ID →
Alligator Creek
upstream of SR 273
Jan 11, 2017
G3WA0004-e112017
STORET ↓
G3WA0004

Field ID →
Alligator Creek
upstream of SR 273
Jan 11, 2017
G3WA0004-e112017
STORET ↓
G3WA0004

Field ID →
Alligator Creek
upstream of SR 273
Jan 11, 2017
G3WA0004-e112017
STORET ↓
G3WA0004

Collection (comp begin or grab)		Collection (comp begin or grab)		Collection (comp begin or grab)	
Comp	Grab	Date	Time	Eastern	Central
☐	☒	1/11/2017	8:35 AM	Central	
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depts (m)	
Fresh		14.98		1.0	
Temp (C)		pH		Sp. Conductance (umho/cm)	
10.36		5.45		38	
Salinity (ppt)		Comments			
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)			
30.819		-85.5042		A	
Collection (comp begin or grab)		Collection (comp begin or grab)		Collection (comp begin or grab)	
Comp	Grab	Date	Time	Eastern	Central
☐	☒	1/11/2017	9:00 AM	Central	
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depts (m)	
Fresh		14.44		0.15	
Temp (C)		pH		Sp. Conductance (umho/cm)	
10.98		6.11		50	
Salinity (ppt)		Comments			
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)			
30.88873		-85.46802		A	
Collection (comp begin or grab)		Collection (comp begin or grab)		Collection (comp begin or grab)	
Comp	Grab	Date	Time	Eastern	Central
☐	☒	1/11/2017	9:20 AM	Central	
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depts (m)	
Fresh		16.10		0.3	
Temp (C)		pH		Sp. Conductance (umho/cm)	
11.14		5.93		47	
Salinity (ppt)		Comments			
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)			
30.8735		-85.4723		A	

Relinquished By: Diana Turner	Date/Time: 1/11/2017 2:10 PM	Number of Coolers: 3	Received By: [Signature]	Date/Time: 01-11-17 14:10
-------------------------------	------------------------------	----------------------	--------------------------	---------------------------

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: RQ-2016-11-07-22
Alligator Creek Stations
Customer: WQAP
Project ID: SMP

Requester: Benjamin Ralys
Collected By: Curtis Musson & Diana Turner

Field Report Prepared By: Diana Turner
Sampling Agency: FDEP

Collection (comp begin or grab)		Date		Time		Bottle Group(s)	
Comp	Grab	Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)	
☐	☒	Fresh	14.7	5.47	0.2	28	A
Temp (C)		12.54	Comments				
Salinity (ppt)							
Latitude (Decimal Degrees)		30.8545	Longitude (Decimal Degrees)		-85.4443		
Collection (comp begin or grab)		Date		Time		Bottle Group(s)	
☐	☒	Fresh	6.41	5.62	0.15	42	A
Temp (C)		10.58	Comments				
Salinity (ppt)							
Latitude (Decimal Degrees)		30.8358	Longitude (Decimal Degrees)		-85.4488		
Collection (comp begin or grab)		Date		Time		Bottle Group(s)	
☐	☒	Fresh	15.55	5.54	0.3	31	A
Temp (C)		11.76	Comments				
Salinity (ppt)							
Latitude (Decimal Degrees)		30.8069	Longitude (Decimal Degrees)		-85.4607		

Field ID →
Scurlock Creek at Pilgrim Rd
Jan 11, 2017
G3WA0009-0112017
STORET ↓
G3WA0009

Field ID →
Pine Barn Creek at Woodrest Rd
Jan 11, 2017
G3WA0011-0112017
STORET ↓
G3WA0011

Field ID →
Unnamed Creek at Woodrest Rd
Jan 11, 2017
G3WA0010-0112017
STORET ↓
G3WA0010

Relinquished By: Diana Turner	Date/Time: 1/11/2017 2:10pm	Number of Coolers: 3	Received By: [Signature]	Date/Time: 01-11-17 14:40
-------------------------------	-----------------------------	----------------------	--------------------------	---------------------------

Field ID: → Gilbert's Mill Creek at Aycock Rd Jan 11, 2017 G3WA0012_0112017	☐ Comp ☒ Grab		Collection (comp begin or grab) Date 1/11/2017 Time 11:00 AM	Eastern Central	Collection (comp begin or grab) Date	Time	Bottle Group(s)	
Gilbert's Mill Creek at Aycock Rd STORET # G3WA0012	Matrix (Salt, Fresh) Fresh	Diss. Oxygen (mg/L) 14.12	pH 5.10	Sample Depts (m) 0.3	Sp. Conductance (umho/cm) 26	A		
	Temp (C) 11.89	Comments		Longitude (Decimal Degrees) -85.4401				
	Salinity (ppt)							
	Latitude (Decimal Degrees) 30.7965							
Location	☐ Comp ☐ Grab		Collection (comp begin or grab) Date	Time	Eastern Central	Collection (comp begin or grab) Date	Time	Bottle Group(s)
Field ID	Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)			
STORET #	Temp (C)	Comments		Longitude (Decimal Degrees)				
Salinity (ppt)								
Latitude (Decimal Degrees)								
Location	☐ Comp ☐ Grab		Collection (comp begin or grab) Date	Time	Eastern Central	Collection (comp begin or grab) Date	Time	Bottle Group(s)
Field ID	Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)			
STORET #	Temp (C)	Comments		Longitude (Decimal Degrees)				
Salinity (ppt)								
Latitude (Decimal Degrees)								

Group: A	Bottle Type: P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
ALKALINITY						
TURBIDITY						
W-CL-IC						
W-COLOR						
W-F						
W-TDS						
W-TSS						
Group: A	Bottle Type: BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
CHLSUITE-W						
Group: A	Bottle Type: P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						
W-TOC						
Group: A	Bottle Type: P-125ML	# of Bottles: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	7
W-PO4-F						