FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

Data Qualified? (Yes) / No

STORET Station Name: Gilberts Mill Creek at Aycock Rd **Date:** 01/11/2017 (mm/dd/yyyy)

STORET Station ID: G3WA0012 **WBID:** 262 **Latitude:** 30.7965 (Decimal Degrees)

County: Jackson **RQ -** 2016-11-07-22 **ORG ID:** 21FLWQA **Longitude:** -85.4401 (Decimal Degrees)

Receiving Body of Water: Holmes Creek **Field ID:** G3WA0012-01112017

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Curist Musson	X	X			
Diana Turner			X	X	X

Sampling Equipment

- [X] Sample Container
- [ ] Carboy
- [X] Dipper
- [ ] Van Dorn
- [ ] Syringe
- [ ] Other
- [ ] Pole

Equipment ID

Collection Method

- [ ] Wading
- [X] From Shore
- [ ] Other (note below)

Via Boat
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: Dry / Pooled / Low / (Normal) / High / Flooded

Matrix: (Fresh) / Marine / DI

Meter ID# Biology 2 **Photos:** (Yes) / No

Tide Falling: Yes / No / (NA)

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	11:00AM	0.3	0.6	14.12	130.8	5.10	0.01	VOB	26	11.89
(CEN)										

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	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	0242080	8/29/17	[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_2			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice			
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-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 [ ] Entero [ ] PCR-FILTER	[ ] Ice			
Tracers	[ ] W-SUC-AA-R [ ] W-UHERB-AA	[ ] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-AHERB-AA [ ] W-PYR-AA-R [ ] W-PCL-SQ-R [ ] W-UHERB-AA [ ] W-GLYPH	[ ] Ice [ ] Other			

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

Preservative Sticker(s) Here (If Available)

Notes:
1-Kit A

Field ID → Gilberts Mill Creek at Aycock Rd

Jan 11, 2017

G3WA0012_01112017

STORET ↓

Gilberts Mill Creek at Aycock Rd

G3WA0012

Signature: Diana Turner **Date:** 1/11/2017

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 data 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 Musson	1-11-17	713	18.87	9.295	9.30	100.0	44.1		P	L
ICV	Curtis Musson	1-11-17	715	18.88	9.295	9.30	100.0	44.1		P	L
CCV	Curtis Musson	1-11-17	1426	19.89	7.011	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	1-11-17	0717	161111D	11/2017	1,000	1,000	P	L
ICV	Curtis Musson	1-11-17	0718	161111D	11/2017	1,000	1,000	P	L
CCV	Curtis Musson	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 ± 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 Musson	1-11-17	0720	161111B	5/2018	7.0	7.00	-24	P	L
Calibr.	Curtis Musson	1-11-17	0722	161111A	11-2017	4.01	4.01	154	P	L
Calibr.	Curtis Musson	1-11-17	0724	161111C	5-2018	10.01	9.96	-186	P	L
ICV	Curtis Musson	1-11-17	0726	161111A	11-2017	4.01	3.91	157	P	L
CCV	Curtis Musson	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±50; mV pH 4 Range +180±50;
mV pH 10 Range -180±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 ±5 % or ±0.05m, whichever is greater

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Requester: Benjamin Ralys
Collected By: Curtis Musson & Diana Turner
Field Report Prepared By: Diana Turner
Sampling Agency: FDEP

Location

Field ID → Alligator Creek upstream of SR 273
Jan 11, 2017
G3WA0005—01112017

STORET → **Alligator Creek upstream of SR 273**
G3WA0005

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/11/2017 Time 8:35 AM Eastern Central		Collection (comp begin or grab) Date Time	Bottle Group(s)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 14.98			A
Temp (C): 10.36	pH: 5.45	Sample Depts (m): 1.0	Sp. Conductance (umho/cm): 38	
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees): 30.819		Longitude (Decimal Degrees): -85.5042		

Location

Field ID → Little Alligator Creek at SR 273
Jan 11, 2017
G3WA0006—01112017

STORET → **Little Alligator Creek at SR 273**
G3WA0006

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/11/2017 Time 9:00 AM Eastern Central		Collection (comp begin or grab) Date Time	Bottle Group(s)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 14.44			A
Temp (C): 10.98	pH: 6.11	Sample Depts (m): 0.15	Sp. Conductance (umho/cm): 50	
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees): 30.88873		Longitude (Decimal Degrees): -85.46802		

Location

Field ID → Alligator Creek upstream of Bentley Rd.
Jan 11, 2017
G3WA0004—01112017

STORET → **Alligator Creek upstream of Bentley Rd.**
G3WA0004

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/11/2017 Time 9:20 AM Eastern Central		Collection (comp begin or grab) Date Time	Bottle Group(s)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 16.10			A
Temp (C): 11.14	pH: 5.93	Sample Depts (m): 0.3	Sp. Conductance (umho/cm): 47	
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees): 30.8735		Longitude (Decimal Degrees): -85.4723		

Relinquished By:	Date/Time		Number of Coolers	Received By:	Date/Time
Diana Turner	1/11/2017	2:10pm	3		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

Field ID → Scurlock Creek at Pilgrim Rd
Jan 11, 2017
G3WA0009_01112017
STORET → Scurlock Creek at Pilgrim Rd
G3WA0009

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/11/2017 Time 9:50 AM Eastern Central		Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 14.7			
Temp (C): 12.54	pH: 5.47	Sample Depts (m): 0.2	Sp. Conductance (umho/cm): 28	A
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees): 30.8545		Longitude (Decimal Degrees): -85.4443		

Field ID → Pine Barn Creek at Woodrest Rd
Jan 11, 2017
G3WA0011_01112017
STORET → Pine Barn Creek at Woodrest Rd
G3WA0011

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/11/2017 Time 10:10 AM Eastern Central		Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 6.41			
Temp (C): 10.58	pH: 5.62	Sample Depts (m): 0.15	Sp. Conductance (umho/cm): 42	A
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees): 30.8358		Longitude (Decimal Degrees): -85.4488		

Field ID → Unnamed Creek at Woodrest Rd
Jan 11, 2017
G3WA0010_01112017
STORET → Unnamed Creek at Woodrest Rd
G3WA0010

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/11/2017 Time 10:35 AM Eastern Central		Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 15.55			
Temp (C): 11.76	pH: 5.54	Sample Depts (m): 0.3	Sp. Conductance (umho/cm): 31	A
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees): 30.8069		Longitude (Decimal Degrees): -85.4607		

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
Diana Turner	1/11/2017 2:10pm	3		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: _____
Field Report Prepared By: _____
Sampling Agency: FDEP

Field ID → Gilberts Mill Creek at Aycock Rd
Jan 11, 2017
G3WA0012_01112017

STORET ↓
Gilberts Mill Creek at Aycock Rd
G3WA0012

☐ 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)
Matrix (Salt, Fresh): Fresh	Diss. Oxygen (mg/L): 14.12			
Temp (C): 11.89	pH: 5.10	Sample Depts (m): 0.3	Sp. Conductance (umho/cm): 26	A
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees): 30.7965		Longitude (Decimal Degrees): -85.4401		

Location / Field ID / STORET #

☐ Comp ☐ Grab	Collection (comp begin or grab) Date / Time	Eastern Central	Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh):	Diss. Oxygen (mg/L):			
Temp (C):	pH:	Sample Depts (m):	Sp. Conductance (umho/cm):	
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees):		Longitude (Decimal Degrees):		

Location / Field ID / STORET #

☐ Comp ☐ Grab	Collection (comp begin or grab) Date / Time	Eastern Central	Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh):	Diss. Oxygen (mg/L):			
Temp (C):	pH:	Sample Depts (m):	Sp. Conductance (umho/cm):	
Salinity (ppt):	Comments:			
Latitude (Decimal Degrees):		Longitude (Decimal Degrees):		

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

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					