FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

Big Branch downstream of Rocks

WIN Station Name: ~~Scurlock Creek at Pilgrim Rd~~ 3 **Date:** 11/19/2019 (mm/dd/yyyy)

WIN/ Field ID: ~~G3WA0009~~ 3 G2WAC010 **WBID:** ~~195~~ 3 1175 **Latitude:** ~~30.85465612~~ 3 (Decimal Degrees)

County: ~~Jackson~~ 3 **ORG ID:** 21FLWQA **Longitude:** ~~85.44447426~~ 3 (Decimal Degrees)

Receiving Body of Water: ~~Holmes Creek~~ Cm **RQ-** 2019-03-25-19

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Curtis Musson	X		Y	X	Y
Will Lasley		Y			

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with Meter Stick
- Equipment ID

Collection Method
- [x] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low (Normal) / High / Flooded **Meter ID#** R/a #2 **Matrix:** ~~Fresh~~ / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital (Flowing) / NA **Tide:** Rising/ Falling/ Slack (NA) **Tide Times:** High NA Low NA

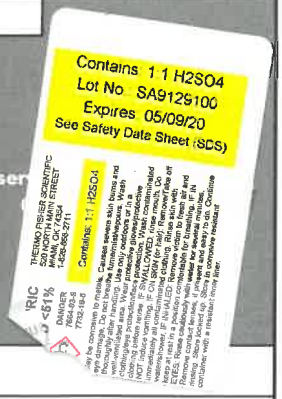
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	~~0720~~ CM	0.2	0.1	VOB	8.95	86.0	4.83	0.01	26	13.57
CEN	1259									

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

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

Parameter Suite	Parameter Methods	Preservation	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	9129100	5/9/20	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [ ] Field Filtered 0.45 µm Filter	[x] Ice			
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] Ice			
Molecular	[ ] PCR-FILTER [x] PCR-BacR [ ] PCR-GULL2 [x] PCR-HF183 [ ] PCR-DG3 [ ] PCR-GFD	[x] Ice			
Tracers	[x] W-E8321-DI [x] W-E8321-MS	[x] 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			

Place Preser



Notes:
Nutrients,
E.coli,
BacR
HF-183
Tracers
GroupC

Place Label Here

Signature: Curtis Musson **Date:** 11-19-19

LIMS EVENT ID: WAS-SECT-2019-11-15-02 **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: ~~CM~~ 12/19/19 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** Cm 12/30/2019 (Initials/Date)

Scan/Save Field Sheets Cm 12/30/19 (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (Initials/Date)

2019-06-03-27

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: Bio #2 RQ- 2019-03-25-19 Project: NWQF/SMO

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.	Curtis Musson	11/19/19	649	18.89	760	9.295	9.30	100.0	70.6		P / F	P / F
ICV	Curtis Musson	11/19/19	650	18.89	760	9.295	9.30	100.0	70.6		P / F	P / F
CCV	Curtis Musson	11/19/19	1536	19.43	760	9.202	9.16	99.6	71.7		P / F	P / 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	11/19/19	653	190618F	06/2020	1000	1000	P / F	P / F
ICV	Curtis Musson	11/19/19	654	190618F	06/2020	1000	1003	P / F	P / F
CCV	Curtis Musson	11/19/19	1538	2908C81	08/2021	100	103	P / F	P / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date 11-19-19	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Curtis Musson ~~658 cm~~	658	658	190618B	12/2020	7.02	20.01	7.02	-24.7	P / F	P / F
Calibr.	Curtis Musson	11/19/19	703	190618D	12/2020	4.00	20.02	4.00	148	P / F	P / F
Calibr.	Curtis Musson	11-19-19	706	190618C	12/2020	10.05	20.00	10.04	-192	P / F	P / F
ICV	Curtis Musson	11/19/19	709	190618D	12/2020	4.00	20.05	4.00	147	P / F	P / F
CCV	Curtis Musson	11/19/19	1541	190618B	12/2020	~~4.00~~ 7.02 cm	20.06	7.06	-25.2	P / F	P / F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 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	Curtis Musson	11/19/19	656	0.000	0.000	P / F	P / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

Form effective August 1, 2018

Request Number: RQ-2019-03-25-19

NWQI - Alligator Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Curtis Musson

Field Report Prepared By: Curtis Musson

Sampling Agency: FDEP

Location: Big Branch downstream of Road 5
Field ID: G2WA0010
WIN/STORET #: G2WA0010
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-19-19 Time 12:59 | Eastern ~~Central~~ | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 86.0 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 13.57 | pH: 4.83 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 26

Salinity (ppt): 0.01 | Comments:

Bottle Group(s) (See pg 2): C

Location: Wilson Mill Creek upstream of CR 274
Field ID: G2WA0020
WIN/STORET #: G2WA0020
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11-19-19 Time 1411 | Eastern ~~Central~~ | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 99.4 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 14.71 | pH: 6.37 | Sample Depth: 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm): 97

Salinity (ppt): 0.05 | Comments:

Bottle Group(s): C

Location:
Field ID:
WIN/STORET #:
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern Central | Composite end Date Time

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): | pH: | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm):

Salinity (ppt): | Comments:

Bottle Group(s):

Location:
Field ID:
WIN/STORET #:
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern Central | Composite end Date Time

Matrix (type, e.g., Salt, Fresh, etc):

Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): | pH: | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm):

Salinity (ppt): | Comments:

Bottle Group(s):

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Curtis Musson	11-19-19 / 322	Hand Off	1	KK	11-19-19 / 15:23

Courtesy

Group: A	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: BG-500ML W-CARB-AA	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: BG-500ML W-CT-CI-R W-PCL-SQ-R	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	0
Group: A	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	0

Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 0
Group: A	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
Group: B	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 0
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
Group: B	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab 0
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	Enter Number of Bottles Sent to Lab 0

Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: C	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: C	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 2
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 2
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 2

H_2SO_4 Lot # SA9129100
Exp: 05/09/2020