



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2017

PAGE 1 OF 9

Data Qualified?
Yes / No

STORET Station Name: Pine Barn Creek at Woodrest Rd

Date: 03/01/2017

(mm/dd/yyyy)

STORET Station ID: G3WA0011

WBID: 235

Latitude: 30.8358

(Decimal Degrees)

County: Jackson RQ - RQ-2017-02-27-65

ORG ID: 21FLWQA

Longitude: -85.4488

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

Field ID: G3WA0011-03012017

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Curtis Musson				X	X			X	☒ Sample Container	☐ Van Dorn	☐ Pole	
Raymond Stuart					X	X	X		☐ 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 / Normal / High / Flooded					Matrix:		Fresh / Marine / DI		
Meter ID#		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	11:10	0.15	0.3	X	X	5.58	0.02	VOB	39	20.19	
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	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	6302030	10/28/17	☒ <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-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-LCMS-DU (1/4 vial fill) ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-LCMS-DU (1/4 vial fill) ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Contains
1:1
Sulfuric Acid
SA-6302030
EXP: 10/28/17
Warning!
See SDS

Notes: Kit A, Ecoil No DO	Field ID: → Pine Barn Creek at Woodrest Rd MAR 01, 2017 G3WA0011-03012017	STORET ↓ Pine Barn Creek at Woodrest Rd G3WA0011
Signature: [Signature]		Date: 3/1/17

Field Parameters Entered into LIMS: DT 3/1/17

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved: DT 3/1/17

(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 **Bio #12 #2**

RQ- 2017-02-27-65

Project **NWQI**

- 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.											
ICV											
CCV											
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	3/1/17	7:03	161111D	1/1/2017	1000	1000	P	LAB
ICV	Curtis Mussen	3/1/17	7:04	161111D	1/1/2017	1000	1000	P	LAB
CCV	Curtis Mussen	3/1/17	14:43	161111E	5/1/17	100	100	P	LAB
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	3/1/17	7:06	161111B	5/1/18	7.0	7.0	-21	P	LAB
Calibr.	Curtis Mussen	3/1/17	7:08	161111A	1/1/17	4.01	4.01	152	P	LAB
Calibr.	Curtis Mussen	3/1/17	7:10	161111C	5/1/18	10.01	9.95	-178	P	LAB
ICV	Curtis Mussen	3/1/17	7:12	161111B	5/1/18	7.02	7.01	155	P	LAB
CCV	Curtis Mussen	3/1/17	14:45	161111C	5/1/18	10.01	10.29	-194	P	LAB
CCV										

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

mV pH7 Range 0 ± 50 ;

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

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 $\pm 5\%$ or ± 0.05 m, whichever is greater

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: RQ-2017-02-27-65

Event: Alligator Creek

Customer: WQ-ASSESS

Project ID: NWQI

Requester: Curtis Musson

Field Report Prepared By: FDEP
Sampling Agency: FDEP

Page 1 of 1

Collected By:

Loc		Field ID		Collection (comp begin or grab)		Collection (comp begin or grab)		Time		Bottle Group(s)			
ST	Field ID	Comp	Grab	Date	Time	Eastern	Central	Date	Time	Bottle Group(s)			
ST	Alligator Creek upstream of SR 273	☐	☒	3/1/17	9:05					A B C D			
Field ID	Mar 01, 2017	Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Temp (C)	18.8	pH	6.64	Sample Depts (m)	0.3	Sp. Conductance (umho/cm)	45
Salinity (ppt)	0.02	Comments	No DO readings		Latitude (Decimal Degrees)	30.819		Longitude (Decimal Degrees)	-85.5042				
ST	Alligator Creek upstream of SR 273	☐	☒	3/1/17	9:44					A			
Field ID	Mar 01, 2017	Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Temp (C)	19.27	pH	7.10	Sample Depts (m)	0.2	Sp. Conductance (umho/cm)	68
Salinity (ppt)	0.03	Comments	No DO Readings		Latitude (Decimal Degrees)	30.88873		Longitude (Decimal Degrees)	-85.46802				
ST	Alligator Creek upstream of Bentley Rd.	☐	☒	3/1/17	10:10					Bottle Group(s)			
Field ID	Mar 01, 2017	Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Temp (C)	19.37	pH	7.01	Sample Depts (m)	0.3	Sp. Conductance (umho/cm)	63
Salinity (ppt)	0.03	Comments	No DO Readings		Latitude (Decimal Degrees)	30.8735		Longitude (Decimal Degrees)	-85.4723				

Relinquished By:  Date/Time: 3-1-17 / 14:28
Number of Coolers: 3
Received By:  Date/Time: 3-1-17 / 14:28

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Request Number: RQ-2017-02-27-65

Event: Alligator Creek
Customer: WQ-ASSESS
Project ID: NWQI

Requester: Curtis Musson

Central Lab Sample Submittal Form

Page 2 of 4
Field Report Prepared By: Raymond Sturt
Sampling Agency: FDEP

Collected By: Curtis Musson

Collection (comp begin or grab)		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)
Comp	Grab	Date	Time	Eastern	Central	Date
☐	☒	3/1/17	10:40	☒	☐	
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depts (m)		Sp. Conductance (umho/cm)
Temp (C)		pH		0.15		29
Salinity (ppt)		Comments		No DO Readings		
Latitude (Decimal Degrees)		30.8545		Longitude (Decimal Degrees)		-85.4443
☐		☒		3/1/17		11:10
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depts (m)		Sp. Conductance (umho/cm)
Temp (C)		pH		5.58		39
Salinity (ppt)		Comments		No DO Readings		
Latitude (Decimal Degrees)		30.8358		Longitude (Decimal Degrees)		-85.4488
☐		☒		3/1/17		
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depts (m)		Sp. Conductance (umho/cm)
Temp (C)		pH		5.60		30
Salinity (ppt)		Comments		No DO Readings		
Latitude (Decimal Degrees)		30.8069		Longitude (Decimal Degrees)		-85.4607

Field ID →
Scurlock Creek
at Pilgrim Rd
Mar 01, 2017
G3WA0000-03012017

STORET ↓
Scurlock Creek
at Pilgrim Rd
G3WA00009

Field ID →
Pine Barn Creek
at Woodrest Rd
MAR 01, 2017
G3WA0011-03012017

STORET ↓
Pine Barn Creek
at Woodrest Rd
G3WA0011

Field ID →
Unnamed Creek
at Woodrest Rd
MAR 01, 2017
G3WA0010-03012017

STORET ↓
Unnamed Creek
at Woodrest Rd
G3WA0010

Relinquished By: _____ Date/Time: _____
Number of Coolers: _____ Received By: _____ Date/Time: _____

Event: Alligator Creek

Customer: WQ-ASSESS

Project ID: NWQI



Gilberts Mill
Creek at
Aycock Rd

MAR 01, 2017

G3WA0012-03012017

STOET →



G3WA0012

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central Lab Sample Submittal Form

Requester: Curtis Musson

Collected By: Curtis Mussen, Raymond Stewart

Field Report Prepared By:

Sampling Agency: FDEP

[illegible]

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-SO4-IC						
	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						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						
Group: C	Bottle Type:	2-BG-40ML NO ACID	# of Bottles: X2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-LCMS-DIJ						
Group: C	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-UHERB-AA						
Group: D	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						

Cooler Packing Worksheet for Request: RQ-2017-02-27-65

Alligator Creek

Ship Cooler On: 2/24/2017

Customer/Project: WQ-ASSESS/NWQI

Assigned To: GREENWOO_J

Requester: Curtis Musson

Priority: 3

850-245-8453
Division Of Water Facilities, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

Attn: curtis musson

Comments:

No preservatives needed.

Bottle Group(s)

Group A: Freshwater Kit, No Metals

Group B: E. Coli

Group C: Organics (Tracers)

Group D: qPCR (Markers)

Packing Notes

No Shipping labels needed

Requested Analyses:

Bottle Group: A

of Sites: 7

Container ID: P-1L

Qty: 7 Preservation: ICE

Lot # 00065181

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 7 Preservation: ICE

Lot # 1183284

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 7 Preservation: ICE And H2SO4

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 7 Preservation: ICE-FLTR

Lot # 023470

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # L16292

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group: C

of Sites: 1

Container ID: 2-BG-40ML NO ACID

Qty: 1 Preservation: ICE

Lot # 00056700-UP

Description: Pack of 2 - 40 ml amber glass vials
without acid

Analysis

W-LCMS-DIJ

Description

Water soluble organic compounds by HPLC/MS/MS

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00065867

Description: Brown Glass Bottle 1L

Analysis

W-UHERB-AA

Description

Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: D

of Sites: 1

Container ID: QPCR-P-250ML

Qty: 2 Preservation: ICE

Lot # 00066493

Description:

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Cooler Packed By: 9.5 Date: 2/22/17

DEP Cooler ID #(s): 2

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle (1 per cooler)
- ☐ FedEx Bills, if applicable (1 per cooler)
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2017-02-27-65