



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

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Data Qualified?
Yes ☒ No ☐

February 2017

STORET Station Name: Alligator Creek upstream of SR 273

Date: 03/01/2017

(mm/dd/yyyy)

STORET Station ID: G3WA0005

WBID: 123

Latitude: 30.819

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

ORG ID: 21FLWQA

Longitude: -85.5042

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

Field ID: G3WA0005-03012017

(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Curtis Musson			X				☒ Sample Container	☐ Van Dorn	☐ Pole		
Raymond Stuart		X		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
Time Zone	EST	Tide Falling:	Yes / No / NA
Time	09:05		
Sample Depth (m)	0.3		
Total Depth (m)	0.5		
DO (mg/L)	0.53		
DO (%SAT)	9		
pH	6.64		
Salinity (ppt)	0.02		
Secchi Disk (m)	0.3		
Sp COND (µmhos/cm)	45		
Temp. (C°)	18.8		

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 ☐ HNO3			☐ <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			

Notes:	Field ID	Signature	Date
Kit A, E. coli Tracers Markers	Alligator Creek upstream of SR 273 Mar 01, 2017 G3WA0005-03012017		3/1/17

STORET	Field Parameters Entered into LIMS	Field Parameters QC in LIMS	Field Sheets Scanned/Saved
Alligator Creek upstream of SR 273 G3WA0005	3/1/17	3/1/17	3/1/17

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

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	161111 D	1/24/17	1000	1000	P	LAB
ICV	Curtis Mussen	3/1/17	7:04	161111 D	1/24/17	1000	1000	P	LAB
CCV	Curtis Mussen	3/1/17	14:43	161111 E	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	161111 B	5/1/18	7.0	7.0	-21	P	LAB
Calibr.	Curtis Mussen	3/1/17	7:08	161111 A	1/1/17	4.01	4.01	152	P	LAB
Calibr.	Curtis Mussen	3/1/17	7:10	161111 C	5/1/18	10.01	9.95	-178	P	LAB
ICV	Curtis Mussen	3/1/17	7:12	161111 B	5/1/18	7.02	7.01	155	P	LAB
CCV	Curtis Mussen	3/1/17	14:45	161111 C	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

Collected By: *Curtis Musson*

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Field Report Prepared By: *Raymond Sturt*

Sampling Agency: FDER

Field ID →
Scurlock Creek
at Pilgrim Rd
Mar 01, 2017
G3WA0009-03012017

STORET ↓
Scurlock Creek
at Pilgrim Rd
G3WA0009

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

Collection (comp begin or grab)		Date		Time		Bottle Group(s)	
Comp	Grab	Eastern	Central	Eastern	Central	Eastern	Central
☐	☒	3/1/17	10:40				
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		pH		Sample Depts (m)	
20.45		6.45		0.15		29	
Salinity (ppt)		Comments		Sp. Conductance (umho/cm)			
0.01		No DO Readings					
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)					
30.8545		-85.4443					
☐	☒	3/1/17	11:10				
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		pH		Sample Depts (m)	
20.19		5.58		0.15		39	
Salinity (ppt)		Comments		Sp. Conductance (umho/cm)			
0.02		No DO Readings					
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)					
30.8358		-85.4488					
☐	☒	3/1/17					
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		pH		Sample Depts (m)	
19.99		5.60		0.3		30	
Salinity (ppt)		Comments		Sp. Conductance (umho/cm)			
0.01		No DO Readings					
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)					
30.8069		-85.4607					

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

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