



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2016

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Data Qualified?
Yes / ☒ No

STORET Station Name: Alligator Creek upstream of SR273

Date: 02/02/2016
(mm/dd/yyyy)

STORET Station ID: G3WA0005

Latitude: 30.81881
(Decimal Degrees)

WBID: 123 RQ: 2016-02-01-22

ORG ID: 21FLWA Longitude: -85.50414
(Decimal Degrees)

Receiving Body of Water: Holmes Creek

Field ID: G3WA0005

County: Washington

Sampling Team Members							WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Curtis Mission													
Ben Ralls													

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ 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 / Low / Normal / ☒ High / Flooded	Matrix: ☒ Fresh / Marine / DI
Meter ID# Bear H7	Photos: ☒ Yes / No
	Tide Falling: Yes / No / ☒ NA

Field Sample

Time Zone	Time	Total Depth (m)	Sample Depth	Temp (°C)	DO (mg/L)	DO (%SAT)	COND (µmhos/cm)	Salinity (ppt)	pH	Secchi Disk (m)
EST	12:30	1.3	0.3	15.47	8.75	87.7	47	0.02	6.28	0.6
CEN										

Biological Samples Collected: ☒ None HA SCI LVS RPS LVI Other							
Parameter Suite	Parameter Methods			Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ TKN / TP / Nox / NH3 / TOC ☐ Other			☒ Ice ☒ H ₂ SO ₄	5259020	9/16/16	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP			☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ oP ☒ Field Filtered 0.45 µm Filter			☒ Ice			
Chlorophyll	☒ CHLSUITE-W			☒ Ice			
BOD	☒ BOD-INHB ☒ BOD-UNIN			☒ Ice			
Physical/Aggregate	☒ TSS / Turbidity / Alkalinity / Color ☐ Other			☒ Ice			
Macroinvertebrates	☐ MI-FW-QLDC			☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ QPCR			☐ Ice			
Periphyton	☐ ALGAE-ID			☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PSCL-TQA ☐ W-UHERB-AA ☐ W-GLYPH			☐ Ice ☐ Other			

Contains 1:1 Sulfuric Acid SA-5259020 EXP: 09/16/16 Warning: See MSDS

Sticker(s) Here (able)

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ TKN / TP / Nox / NH3 / TOC ☐ Other _____	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ oP ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
BOD	☐ BOD-INHB ☐ BOD-UNIN	☐ Ice			
Physical/Aggregate	☐ TSS / Turbidity / Alkalinity / Color ☐ Other _____	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ QPCR	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PSCL-TQA ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other _____			

Blank

Time Zone: EST CEN		Time: _____		Field ID: _____		Location: _____	
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipnet ID: _____					
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check		
Preserved Nutrients	☐ TKN / TP / Nox / NH3 / TOC ☐ Other _____	☐ Ice ☐ H ₂ SO ₄			☐ < 2		
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2		
Filtered Nutrients	☐ oP ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative Sticker(s) Here (If Available)				
Chlorophyll	☐ CHLSUITE-W	☐ Ice					
BOD	☐ BOD-INHB ☐ BOD-UNIN	☐ Ice					
Physical/Aggregate	☐ TSS / Turbidity / Alkalinity / Color ☐ Other _____	☐ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ QPCR	☐ Ice					
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PSCL-TOA ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other _____					

Notes:

Place Label Here
(If Available)

Signature: _____

Date: _____

Field Parameters Entered into LIMS: CM / 2-15-16

(Initials/Date)

Field Parameters QC in LIMS: BR 2/15/16

(Initials/Date)

Date Migrated to STORET: DT 3-16-16

(Initials/Date)

Field Sheets Scanned/Saved: CM 3-16-16

(Initials/Date)

Customer: WQAP
Project ID: SMPFlorida Department of Environmental Protection
Central Laboratory Submittal Form

Requester: Benjamin Ralys

Field Report Prepared By:

Collected By:

Curtis Mussen

Sampling Agency:

FDEP

Location		Little Alligator Creek at SR 273		Collection (comp begin or grab)		Date 2/2/2016		Time 11:00		Eastern ☒ Central ☐		Composite end		Date		Time		Bottle Group(s)					
Field ID		G3WAC006		Matrix (type, e.g., Salt, Fresh, etc)		Fresh / surface		Diss. Oxygen		8.85		Total Res. Chlorine		(See pg 2)									
STORET #		G3WAC006		Temp (C)		15.4		pH		6.22		Sample Depth		0.3		ft ☐ m ☒		Sp. Conductance (umho/cm)		56		A	
Latitude		30.88873		Longitude		-85.46802		Salinity (ppt)		0.03		Comments											
Location		Alligator Creek upstream of Remy Rd		Collection (comp begin or grab)		Date 2/2/2016		Time 11:45		Eastern ☒ Central ☐		Composite end		Date		Time		Bottle Group(s)					
Field ID		G3WAC003		Matrix (type, e.g., Salt, Fresh, etc)		Fresh - surface		Diss. Oxygen		9.08		Total Res. Chlorine		(See pg 2)									
STORET #		G3WAC003		Temp (C)		15.6		pH		6.4		Sample Depth		0.3		ft ☐ m ☒		Sp. Conductance (umho/cm)		51		A	
Latitude		30.8517		Longitude		-85.4653		Salinity (ppt)		0.02		Comments											
Location		Alligator Creek upstream of SR 273		Collection (comp begin or grab)		Date 2/2/2016		Time 12:30		Eastern ☒ Central ☐		Composite end		Date		Time		Bottle Group(s)					
Field ID		G3WAC005		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		8.75		Total Res. Chlorine		(See pg 2)									
STORET #		G3WAC005		Temp (C)		15.5		pH		6.3		Sample Depth		0.3		ft ☐ m ☒		Sp. Conductance (umho/cm)		47		A	
Latitude		30.81881		Longitude		-85.50414		Salinity (ppt)		0.02		Comments											
Location				Collection (comp begin or grab)		Date		Time		Eastern ☐ Central ☐		Composite end		Date		Time		Bottle Group(s)					
Field ID				Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				Total Res. Chlorine		(See pg 2)									
STORET #				Temp (C)				pH				Sample Depth				ft ☐ m ☐		Sp. Conductance (umho/cm)					
Latitude				Longitude				Salinity (ppt)				Comments											
Relinquished By:		Date/Time		Shipping Method		Received By:		Date/Time		Relinquished By:		Date/Time		Received By:		Date/Time							
Curtis Mussen		2/2/16 3:16		DTP&C		[Signature]		02-02-16 03:15 PM															

Curtis Mussen

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-NO2 W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: BOD-UNIN	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHL-CORR-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab

11/01/2014

RQ-2016-02-01-22

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 name.

Meter ID: Biology #7

Project: Alligator Creek

- 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

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	2/2/2016	0809	20.9	8.93	8.94	100.0	80.8	—	P	L
ICV	Curtis Musson	2/2/16	0811	20.9	8.93	8.92	99.9	80.8	—	P	L
CCV	Curtis Musson	2/2/16	1536	22.1	8.72	9.01	103.2	84.9	—	P	L
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 $\mu\text{mhos/cm}$	Meter Reading $\mu\text{mhos/cm}$	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	2/2/16	0813	CC14162	10/15/2016	996	996	P	L
ICV	Curtis Musson	2/2/16	0814	CC14162	10/15/2016	996	996	P	L
CCV	Curtis Musson	2/2/16	1537	CC13882	7/15/2016	101.1	103	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 Musson	2/2/16	0818	156244	10/2017	7.0	7.00	-18.1	P	L
Calibr.	Curtis Musson	2/2/16	0820	154634	07/2017	4.0	4.00	155.3	P	L
Calibr.	Curtis Musson	2/2/16	0822	146934	10/2016	10.0	10.01	-193.6	P	L
ICV	Curtis Musson	2/2/16	0821	156244	10/2017	7.00	6.96	-16.6	P	L
CCV	Curtis Musson	2/2/16	1539	156244	10/2017	7.00	7.02	-19.9	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 ± 50 ;mV pH 4 Range $+180 \pm 50$;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 $\pm 0.05\text{m}$, whichever is greater

Cooler Packing Worksheet for Request: RQ-2016-02-01-22

Alligator Creek

Ship Cooler On: 1/18/2016

Customer/Project: WQAP/SMP

Requester: Benjamin Ralys

Priority: 3

850-245-8443
2600 Blair Stone Rd
MS #3560
Tallahassee, FL 32399-2400
Attn: Benjamin Ralys

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00063459

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-NO2

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)

Nitrite in aqueous matrices as mg N/L

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00063459

Description: Plastic Bottle 1L

Analysis

BOD-UNIN

Description

BOD, NOT nitrogen-inhibited

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1158198

Description: Brown Plastic Bottle 1L

Analysis

Description

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00063222

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: 3 Preservation: ICE-FLTR

Lot # 00063404

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: CU Date: _____DEP Cooler ID #(s): 1 cooler

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 <u>N/A</u>	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2016-02-01-22