



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

STORET Station ID: G3WAC003 Latitude: 30.8517
(Decimal Degrees)

WBID: 123 RQ: 2016-02-01-22 ORG ID: 21FLWA Longitude: -85.4653
(Decimal Degrees)

Receiving Body of Water: Holmes Creek Field ID: G3WAC003 County: Jackson

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Curtis Mussen			X	X				
Ben Ralys		X			X	X		

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 / <u>High</u> / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID# <u>Biodosr #7</u> Photos: <u>Yes</u> / No	Tide Falling: Yes / No / <u>NA</u>

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)
<u>EST</u>	<u>11:45</u>	<u>0.75</u>	<u>0.3</u>	<u>15.56</u>	<u>9.08</u>	<u>91.01</u>	<u>51</u>	<u>0.02</u>	<u>6.36</u>	<u>VOB</u>
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	<u>5259020</u>	<u>9/16/16</u>	☒ < 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		☐ Ice			
	☐ W-PSCL-TQA ☐ W-UHERB-AA ☐ W-GLYPH		☐ Other			

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

Adhesive Sticker(s) Here (Available)

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		Equimnet 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 3-11-16
(Initials/Date)

Field Sheets Scanned/Saved:

Ca 3-16-16
(Initials/Date)

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 μ mhos/cm	Meter Reading μ 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	0824	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 $\pm$ 50;mV pH 4 Range +180 $\pm$ 50;mV pH 10 Range -180 $\pm$ 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

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last revised Nov 10, 2015

Requester: Benjamin Ralys

Field Report Prepared By:

Collected By: Cuff's Museum

Sampling Agency: **FD-69**

Location		Collection (comp begin or grab)		Eastern Composite end		Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	Date	Time	(See pg 2)	
Little Alligator Creek at SR 273							
Field ID	G3WAO006	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	11:00
STORRET #	G3WAO006	Temp (C)	15.4	pH	6.22	Sample Depth	0.3
Latitude	30.88873	Salinity (ppt)	0.03	Comments			
Location	Alligator Creek upstream of Penny Rd						
Field ID	G3WAO003	Matrix (type, e.g., Salt, Fresh, etc)	Fresh - surface	Date	2/2/2016	Time	11:45
STORRET #	G3WAO003	Temp (C)	15.6	pH	6.4	Sample Depth	0.3
Latitude	30.8517	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
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Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
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Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt)	0.02	Comments			
Location	Alligator Creek upstream of SR 273						
Field ID	G3WAO005	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Date	2/2/2016	Time	12:30
STORRET #	G3WAO005	Temp (C)	15.5	pH	6.3	Sample Depth	0.3
Latitude	30.81881	Salinity (ppt					

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

17.01.2014

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