



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

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Data Qualified?
Yes / No

STORET Station Name: Alligator Creek Upstream of SR 273

Date: 02/08/2017

(mm/dd/yyyy)

STORET Station ID: G3WA0005

WBID: 123

Latitude: 30.819

(Decimal Degrees)

County: Washington RQ - 2017-02-06-35

ORG ID: 21FLWQA

Longitude: -85.5042

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

Field ID: G3WA0005-02082017

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Ray Stuart				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole	
Diana Turner				☒	☒	☒	☒	☒	☐ 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 / <u>High</u> / Flooded						Matrix: <u>Fresh</u> / Marine / DI					
Meter ID# Biology 2				Photos: Yes / <u>No</u>				Tide Falling: Yes / No / <u>NA</u>			
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	9:00 AM	0.3	0.5	9.36	95.9	7.72	0.02	0.1	44	16.32	
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	6242080	8/29/17	☒ <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-SUC-AA-R ☒ W-UHERB-AA	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other			

Notes: 1-Kit A Bacteria Tracers Markers

STORET ↓

Field ID →

Alligator Creek upstream of SR 273

Feb 08, 2017

Signature: Diana Turner

Date: 2/8/2017

Field Parameters Entered into LIMS: DC 2/14/17

Field Parameters QC in LIMS: DC 2/15/17

Date Migrated to STORET: DC 2/14/17

Field Sheets Scanned/Saved: DC 2/15/17



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 name.

Meter **Biology #2**

RQ- **2017-02-06-35**

Project **SMP**

- 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.	Diana Turner	2/8/17	7:20	21.15	8.880	8.90	100.2	22.6	—	P	L
ICV	Diana Turner	2/8/17	7:30	21.17	8.880	8.93	100.5	22.6	—	P	L
CCV	Diana Turner	2/8/17	2:15	22.3	8.693	8.54	98.2	22.6	—	P	L
CCV			14:15								

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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Diana Turner	2/8/17	7:36	161111D	11/2017	1000	1000	P	L
ICV	Diana Turner	2/8/17	7:37	161111D	11/2017	1000	998	P	L
CCV	Diana Turner	2/8/17	14:18	161111E	05/2017	100	100	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.	Diana Turner	2/8/17	7:45	161111B	05/2018	7.0	7.00	-20.3	P	L
Calibr.	Diana Turner	2/8/17	7:50	161111A	11/2017	4.01	4.01	157.3	P	L
Calibr.	Diana Turner	2/8/17	7:54	161111C	05/2018	10.01	9.98	-187.6	P	L
ICV	Diana Turner	2/8/17	7:54	161111C	05/2018	10.01	9.98	-187.7	P	L
CCV	Diana Turner	2/8/17	14:22	161111A	11/2017	4.01	4.01	155.3	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 ± 0.05 m, whichever is greater

Request Number: RQ-2017-02-06-35

Alligator Creek
Customer: WQAP
Project ID: SMP

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Requester: Benjamin Ralys

Collected By: *Ben Ralys + Diana Turner*

Field Report Prepared By: *Diana Turner*
Sampling Agency: FDEP

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Field ID: →
Alligator Creek
upstream of
SR 273

Feb 08, 2017

G3WA0005-02062017



STORET ↓
Alligator Creek
upstream of SR 273



G3WA0005

Field ID: →

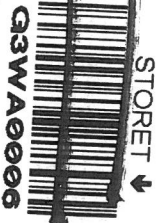
Little Alligator
Creek at
SR 273

Feb 08, 2017

G3WA0006-07-082017



STORET ↓
Little Alligator
Creek at SR 273



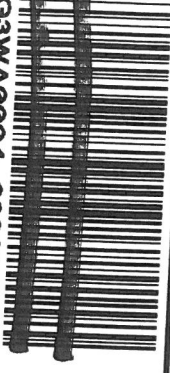
G3WA0006

Field ID: →

Alligator Creek
upstream of
Bentley Rd.

FEB 08, 2017

G3WA0004-02062017



STORET ↓
Alligator Creek
upstream of
Bentley Rd.



G3WA0004

Relinquished By:

Diana Turner

Date/Time
2/8/17

1:28 pm

Number of Coolers
1

Received By:

Date/Time

02-08-17 1:28 pm

☐ Comp
☒ Grab
Collection (comp begin or grab)
Date 2/8/17 Time 9:00 AM

Matrix (Salt, Fresh)
Fresh

Temp

(C) 16.32

pH

7.72

Sample Depth
(m) 0.3

Sp. Conductance
(umho/cm) 444

Salinity
(ppt)

Comments

Latitude (Decimal Degrees)
30.819

Longitude (Decimal Degrees)
-85.5042

☐ Comp
☐ Grab
Collection (comp begin or grab)
Date

Matrix (Salt, Fresh)

Temp

(C)

pH

Dis. Oxygen
(mg/L)

Sample Depth
(m)

Sp. Conductance
(umho/cm)

Salinity
(ppt)

Comments

Latitude (Decimal Degrees)

Longitude (Decimal Degrees)

☐ Comp
☐ Grab
Collection (comp begin or grab)
Date

Matrix (Salt, Fresh)

Temp

(C)

pH

Dis. Oxygen
(mg/L)

Sample Depth
(m)

Sp. Conductance
(umho/cm)

Salinity
(ppt)

Comments

Latitude (Decimal Degrees)

Longitude (Decimal Degrees)

NOT COLLECTED

Bottle
Group(s)

Bottle
Group(s)

B

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ECOLL-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1

Group: B	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	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	1
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: BG-1L W-SUC-AA-R W-UHERB-AA	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1

Cooler Packing Worksheet for Request: RQ-2017-02-06-35

Alligator Creek NWQI

Ship Cooler On: 2/3/2017

Customer/Project: WQ-ASSESS/NWQI

Assigned To: KITCHEN_S

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.

Group A: Freshwater Kit, No Metals; E. coli

Group B: Freshwater Kit, No Metals; E. coli; Tracers; Markers

Requested Analyses:

Bottle Group: A

of Sites: 6

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00066873

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: 6 Preservation: ICE

Lot # 1188467

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WO-THI

Qty: 6 Preservation: ICE

Lot # L16292

Description:

Analysis

ECOLI-18QT

Description

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

Container ID: P-500ML

Qty: 6 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: 6 Preservation: ICE-FLTR

Lot # 00066487

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-1L

Qty: 1 Preservation: ICE

Lot # 00066873

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: 1 Preservation: ICE

Lot # 1188467

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # 116292

Description:

Analysis

ECOLI-18QT

Description

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

Container ID: QPCR-P-250ML

Qty: 2 Preservation: ICE

Lot # 004348

Description:

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: P-500ML

Qty: 1 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: 1 Preservation: ICE-FLTR

Lot # 00066437

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00066437

Description: Brown Glass Bottle 1L

Analysis

W-SUC-AA-R

W-UHERB-AA

Description

Analysis of sucralose in water matrices by HPLC/MS/MS

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

Cooler Packed By: SK

Date: 2.2.17

DEP Cooler ID #(s):

3 Coolers

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-2017-02-06-35