D + B

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

Data Qualified? Yes / No

STORET Station Name: ANCLOTE RIVER @ STARKEY — Date: 10-27-16 (mm/dd/yyyy)

STORET Station ID: G5SW0109 — Latitude: 28° 13' 30.12" N (Decimal Degrees)

WBID: 1440A RQ- 2016-10-24-74 ORG ID: 21FLTPA — Longitude: 82° 38' 32.24" W (Decimal Degrees)

Receiving Body of Water: GOM — Field ID: G5SW0109 — County: PASCO

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
J. Brown	X		X				
E. Clinderman		X		X	X	X	X

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other ______

Equipment ID ______

Collection Method

☒ Wading
☒ From Shore
☐ Other (note below)

Via Boat: ☐ Canoe/Kayak ☐ Electric Motor ☐ Gasoline Motor

Water Level: Dry / Low / Normal / High / Flooded — Matrix: Fresh / Marine / DI

Meter ID# LIL JON — Photos: Yes / No — Tide Falling: Yes / No / NA

Field Sample

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	11:30	1.1	1.1	7.3 ~~7.5~~	82 ~~88~~	6.8	0.11	1.1 "5"	236	21.1
CEN										

Biological Samples Collected: None HA SCI LVS RPS LVI Other ______

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 ☒ H_2SO_4			☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
~~BOD~~	☐ ~~BOD-UNIN~~	☐ Ice			
Physical/Aggregate (Kit A/C)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B/D)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ 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-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other ______			
Flow	0.17 m/s				

Place [label] Here

Contains 1:1 Sulfuric Acid SA-6209120 EXP: 07/27/17 Warning! See SDS

QA/QC Sample Information

Duplicate

Time Zone: EST CEN
Time: 11:40
Sample Depth (m): 0.3
Total Depth (m): 1.1
Field ID: G5SW0109

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 ☒ H_2SO_4	↓	↓	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 μm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A/C)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B/D)	☐ Alkalinity / W-F / W-TSS / TURBIDITY				
Microbiology	☐ E Coli ☐ F Coli				
Pesticides	☐ W-PSNP-TQ ☐ W-AHERI ☐ W-PC-AA-SF ☐ W-UHERE				

RQ-2016-10-24-74
Date: 10/27/17
Time:
Anclote R @ Starkey Duplicate

G5SW0109
Field ID ↕ STORET
G5SW0109

Place Pres... Here
Contains 1:1 Sulfuric Acid
SA-6209120
EXP: 07/27/17
Warning! See SDS

Blank

Time Zone: EST CEN
Time: 1235
Field ID:
Location:

☐ Field Blank ☒ Equipment Blank ☐ Field Cleaned Equipment Blank
Equipment ID

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 ☐ H_2SO_4	↓	↓	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 μm Filter	☐ Ice			
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A/C)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Kit B/D)	☐ Alkalinity / W-F / W-TSS / TURBIDITY				
Microbiology	☐ E Coli ☐ F Coli				
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-A ☐ W-PC-AA-SF ☐ W-UHERB-A				

RQ-2016-10-24-74
Date: 10/27/17
Time:

FIELD BLANK
Field ID ↕ STORET
BLANK

Place P... s) Here
1:1 Sulfuric Acid
SA-6209120
EXP: 07/27/17
Warning! See SDS

Notes:

RQ-2016-10-24-74
Date: 10/26/16
Time:
Anclote R. @ Starkey

G5SW0109
Field ID ↕ STORET
G5SW0109

Signature: [signature]
Date: 10-27-16

Field Parameters Entered into LIMS: SC 11/18/16 (Initials/Date)
Field Parameters QC in LIMS: SC 01-04-17 SE 1/11/17 (Initials/Date)

Date Migrated to STORET: (Initials/Date)
Field Sheets Scanned/Saved: (Initials/Date)

last revised Nov 10, 2015

Request Number: 2016-10-24-74

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: J. Ashton/S. Clingerman

Field Report Prepared By: S Clingerman

Sampling Agency: 21FLTPA

Location: LAKE HIAWATHA	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-27-2016 Time 1000 Eastern Central	Composite end ~~Date Time~~
Field ID: RQ-2016-10-24-74 Date: 10/27/16 G1SW0017	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.2 ☒ mg/L 86 ☒ % sat	~~Total Res. Chlorine (mg/L)~~
STORET #: Time: Lake Hiawatha Field ID STORET 24040057	Temp (C) 24.4	pH 7.2	Sample Depth 0.3 ☐ ft ☒ m
Latitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments	

Sp. Conductance (umho/cm) 125 — Bottle Group(s) (See pg 2): A

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time
Field ID: RQ-2016-10-24-74 Date: 10/27/16 G5SW0110	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
STORET: Time: Anclote River Field ID STORET 24040071	Temp (C)	pH	Sample Depth ☐ ft ☒ m
Latitude ☐ dd ☐ dms	Salinity (ppt)	Comments	

Sp. Conductance (umho/cm) — Bottle Group(s)

Location: ANCLOTE RIVER @ STARKEY	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-27-2016 Time Eastern Central	Composite end ~~Date Time~~
Field ID: RQ-2016-10-24-74 Date: 10/26/16 G5SW0109	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.3 ☒ mg/L 82 ☒ % sat	~~Total Res. Chlorine (mg/L)~~
STORET #: Time: Anclote R. @ Starkey Field ID STORET G5SW0109	Temp (C) 21.1	pH 6.8	Sample Depth 0.3 ☐ ft ☒ m
Latitude ☐ dd ☐ dms	Salinity (ppt) 0.11	Comments	

Sp. Conductance (umho/cm) 236 — Bottle Group(s): A

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time
Field ID: RQ-2016-10-24-74 Date: 10/27/17 G5SW0109	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET: Time: Anclote R @ Starkey Duplicate Field ID STORET G5SW0109	Temp (C)	pH	Sample Depth ☐ ft ☐ m
Latitude ☐ dd ☐ dms	Salinity (ppt)	Comments	

Sp. Conductance (umho/cm) — Bottle Group(s)

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10/24/16 1800	FedEx						

Group: A Bottle Type: P-1L # of Bottles: 7 Preservative: ICE **Enter Number of Bottles Sent to Lab** 5

ALKALINITY
TURBIDITY
W-F
W-TSS

~~Group: A Bottle Type: P-1L # of Bottles: 7 Preservative: ICE **Enter Number of Bottles Sent to Lab**~~

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 7 Preservative: ICE **Enter Number of Bottles Sent to Lab** 5

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 7 Preservative: ICE And H2SO4 **Enter Number of Bottles Sent to Lab** 5

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** 5

W-PO4-F

Request Number: 2016-10-24-74

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: S.Clingerman / J. Ashton

Field Report Prepared By: S. Clingerman

Sampling Agency: ZIFLTPA

RQ-2016-10-24-74
Date: 10/27/17
Time:

FIELD BLANK
Field ID ↕ STORET
BLANK

Field	Value
Location	
Field ID	
STORET #	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
☐ Comp ☒ Grab	
Collection (comp begin or grab) Date	10-27-2016
Time	1235
Eastern / Central	Eastern
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen ☐ mg/L ☐ % sat	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth ☐ ft ☐ m	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s) (See pg 2)	A

Field	Value
Location	
Field ID	
STORET #	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen ☐ mg/L ☐ % sat	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth ☐ ft ☐ m	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Field	Value
Location	
Field ID	
STORET #	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen ☐ mg/L ☐ % sat	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth ☐ ft ☐ m	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Field	Value
Location	
Field ID	
STORET #	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
☐ Comp ☐ Grab	
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen ☐ mg/L ☐ % sat	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth ☐ ft ☐ m	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10/27/16 1800	FedEx						

Group: A Bottle Type: P-1L # of Bottles: 7 Preservative: ICE **Enter Number of Bottles Sent to Lab** 5

ALKALINITY
TURBIDITY
W-F
W-TSS

~~Group: A Bottle Type: P-1L # of Bottles: 7 Preservative: ICE **Enter Number of Bottles Sent to Lab**~~

~~BOD-UNIN~~

Group: A Bottle Type: BP-1L # of Bottles: 7 Preservative: ICE **Enter Number of Bottles Sent to Lab** 5

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 7 Preservative: ICE And H2SO4 **Enter Number of Bottles Sent to Lab** 5

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** 5

W-PO4-F

MUR4

FedEx Express

Package US Airbill

FedEx Tracking Number 8104 1261 4798

Form ID No. 0215

1 From *Please print and press hard.*

Date 10-27-2016

Sender's FedEx Account Number

Sender's Name

Phone (813) 470-5100

Company FDEP

Address 13051 N Telecom Pkwy

Dept./Floor/Suite/Room

City Temple Terrace State FL ZIP 33637

2 Your Internal Billing Reference

First 24 characters will appear on invoice.

3 To

Recipient's Name SAMPLE RECEIVING Phone (850) 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Hold Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Hold Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City TALLAHASSEE State FL ZIP 32399-6542

0124452242

4 Express Package Service

*To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

- [ ] FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [x] FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [ ] FedEx Standard Overnight
Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- [ ] FedEx 2Day A.M.
Second business morning.* Saturday Delivery NOT available.
- [ ] FedEx 2Day
Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [ ] FedEx Express Saver
Third business day.* Saturday Delivery NOT available.

5 Packaging

*Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak*
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

- [ ] Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.
- [ ] No Signature Required
Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature
Someone at recipient's address may sign for delivery.
- [ ] Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

- [x] No
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes Shipper's Declaration not required.
- [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender Acct. No. in Section 1 will be billed.
- [x] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 4490-2262-9

Exp. Date

Total Packages 1 Total Weight 50 lbs. Total Declared Value† $ ____ .00

†Our liability is limited to US$100 unless you declare a higher value. See back for details. By using this airbill you agree to the service conditions on the back of this airbill and in the current FedEx Service Guide, including terms that limit our liability.

611

MUR4

FedEx Express

Package US Airbill

FedEx Tracking Number 8104 1261 4802

Form ID No. 0215

1 From *Please print and press hard.*

Date 10-27-2016

Sender's FedEx Account Number

Sender's Name

Phone (813) 470-5100

Company FDEP

Address 13051 N Telecom Pkwy

Dept./Floor/Suite/Room

City Temple Terrace State FL ZIP 33637

2 Your Internal Billing Reference

First 24 characters will appear on invoice.

3 To

Recipient's Name SAMPLE RECEIVING Phone (850) 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Hold Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Hold Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

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0124452242

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Third business day.* Saturday Delivery NOT available.

5 Packaging

*Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak*
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

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- [x] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 4490-2262-9

Exp. Date

Total Packages 1 Total Weight 50 lbs. Total Declared Value† $ ____ .00

†Our liability is limited to US$100 unless you declare a higher value. See back for details. By using this airbill you agree to the service conditions on the back of this airbill and in the current FedEx Service Guide, including terms that limit our liability.

611