



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

PAGE 1 OF 1

Data Qualified?  
Yes ☒ No ☐

STORET Station Name: Withlacoochee River

Date: 03/21/2016  
(mm/dd/yyyy)

STORET Station ID: G4SW0099

Latitude: 28°21'38.81" N  
(Decimal Degrees)

WBID: 1329G RQ: 2016-03-21-50 ORG ID: 21FLTPA

Longitude: 81°49'7.98" W  
(Decimal Degrees)

Receiving Body of Water: \_\_\_\_\_ Field ID: G4SW0099

County: Polk

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|
| Stephen Clingerman    |  |                 | X                 | X             | X            | X                  |
| Cate Orr              |  | X               |                   | X             |              |                    |
|                       |  |                 |                   |               |              |                    |
|                       |  |                 |                   |               |              |                    |
|                       |  |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                             |                               |
|------------------------------------------------------|---------------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |
| Equipment ID                                         |                                             |                               |
| Collection Method                                    |                                             |                               |
| <input checked="" type="checkbox"/> Wading           | Via Boat                                    |                               |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Canoe/Kayak        |                               |
| <input type="checkbox"/> Other (note below)          | <input type="checkbox"/> Electric Motor     |                               |
|                                                      | <input type="checkbox"/> Gasoline Motor     |                               |

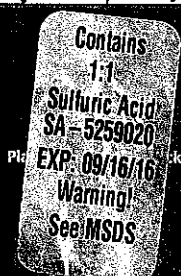
Water Level: Dry / Low / Normal / High / Flooded Matrix: Fresh / Marine / DI

Meter ID# Lil Jon Photos: Yes / No Tide Falling: Yes / No / NA

| 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°)  |
|------------|-------------|------------------|-----------------|------------|------------|------------|----------------|-----------------|--------------------|-------------|
| <u>EST</u> | <u>1100</u> | <u>0.3</u>       | <u>1.5</u>      | <u>4.0</u> | <u>4.2</u> | <u>4.2</u> | <u>0.05</u>    | <u>1</u>        | <u>104</u>         | <u>17.5</u> |
| CEN        | —           | —                | —               | —          | —          | —          | —              | —               | —                  | —           |

Biological Samples Collected: None HA SCI LVS RPS LVI Other

| Parameter Suite            | Parameter Methods                                                                                                                                                                                                      | Preservation                                                                      | Acid Lot# | Expiration | pH Check                               |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|------------|----------------------------------------|
| Preserved Nutrients        | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                        | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |           |            | <input checked="" type="checkbox"/> <2 |
| Metals                     | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                        | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients         | <input checked="" type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                     | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Chlorophyll                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| BOD                        | <input checked="" type="checkbox"/> BOD-UNIN                                                                                                                                                                           | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Kit A) | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Kit B) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                          | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Macroinvertebrates         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                    | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Microbiology               | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Entero <input type="checkbox"/> QPCR                                                                                          | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Periphyton                 | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                      | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                 | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R<br><input type="checkbox"/> W-PC-AA-SF <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH | <input type="checkbox"/> Ice<br><input type="checkbox"/> Other                    |           |            |                                        |



Notes:

FLOW: 4.55  
0.22 m/s

RQ-2016-03-21-50

Date: 03/21/16

Time: 1100

G4SW0099  
G4SW0099

Signature: Stephen Clingerman

Date: 03/21/2016

Field Parameters Entered into LIMS: Stephen Clingerman 03/24/2016  
(Initials/Date)

Field Parameters QC in LIMS: \_\_\_\_\_  
(Initials/Date)

Date Migrated to STORET: \_\_\_\_\_  
(Initials/Date)

Field Sheets Scanned/Saved: \_\_\_\_\_  
(Initials/Date)



Package  
US Airbill

FedEx  
Tracking  
Number

8094 7802 8261

1 From Please print and press hard.

Date 03/21/2016 Sender's FedEx  
Account Number

Sender's Name FDEP

Phone 813 470 5720

Company

Address 13051 N. TELECOM Pkwy

Dept./Room/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

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.

Address

Use this line for the H.O.D. location address or for continuation of your shipping address.

City TALLAHASSEE

State FL ZIP 32399

0121555852



Deliveries when and where you want.  
Learn about FedEx Delivery Manager at [fedex.com/delivery](http://fedex.com/delivery)

Form  
FD-101

0215

4 Express Package Service

\* To most locations.

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

☒ 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.

2nd Business Day

☐ FedEx 2Day AM  
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

☒ 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  
In the absence of a 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.

☐ No

☐ Yes

☐ Yes

☐ Yes

☐ Yes

☐ Yes

☐ Yes

☐ Yes

☐ Yes

☐ Yes

☐ Yes

7 Payment Bill to:

Sender

Account No. in Section

☒ Recipient

☐ Third Party

☐ Credit Card

☐ Cash/Check

FedEx Account No.

Credit Card No.

4490-2252-9

Total Packages

Total Weight

Total Declared Value\*

50 lbs. \$ 0.00

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

Rev. Date 5/15 • Part of 63124 • © 1994-2015 FedEx • PRINTED IN U.S.A. SHM

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.

Request Number: 2016-03-21-50

Florida Department of Environmental Protection  
Central Laboratory Submittal Form

Page 1 of 2

last revised Nov 10, 2015

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Stephen Clingerman

Collected By: Stephen Clingerman / Catie Orr

Sampling Agency: DEAR - SWROC

|          |                              |  |                                       |      |               |      |                     |
|----------|------------------------------|--|---------------------------------------|------|---------------|------|---------------------|
| Location | RQ-2016-03-21-50             |  | Collection (comp begin or grab)       |      | Composite end |      | Bottle Group(s)     |
| Field ID | Date: 03/21/16<br>Time: 1100 |  | Comp                                  | Grab | Date          | Date | (See pg 2)          |
| STORET # | G4SW0099                     |  | Matrix (type, e.g., Salt, Fresh, etc) |      | Diss. Oxygen  |      | Total Res. Chlorine |
|          | G4SW0099                     |  | FRESH                                 |      | 4.0           |      | (mg/L)              |
|          |                              |  | pH                                    |      | 4.2           |      | % sat               |
|          |                              |  | Temp (C)                              |      | 17.5          |      | Sp. Conductance     |
|          |                              |  | Salinity (ppt)                        |      | 0.06          |      | (umho/cm)           |
|          | Longitude                    |  | Comments                              |      | Sample Depth  |      | 104                 |
|          | dd dms                       |  |                                       |      | ft m          |      |                     |
| Location | RQ-2016-03-21-50             |  | Collection (comp begin or grab)       |      | Composite end |      | Bottle Group(s)     |
| Field ID | Date: 03/21/16<br>Time: 1155 |  | Comp                                  | Grab | Date          | Date | (See pg 2)          |
| STORET # | G4SW0093                     |  | Matrix (type, e.g., Salt, Fresh, etc) |      | Diss. Oxygen  |      | Total Res. Chlorine |
|          | G4SW0093                     |  | FRESH                                 |      | 2.4           |      | (mg/L)              |
|          |                              |  | pH                                    |      | 7.5           |      | % sat               |
|          |                              |  | Temp (C)                              |      | 16.6          |      | Sp. Conductance     |
|          |                              |  | Salinity (ppt)                        |      | 0.10          |      | (umho/cm)           |
|          | Longitude                    |  | Comments                              |      | Sample Depth  |      | 228                 |
|          | dd dms                       |  |                                       |      | ft m          |      |                     |
| Location | RQ-2016-03-21-50             |  | Collection (comp begin or grab)       |      | Composite end |      | Bottle Group(s)     |
| Field ID | Date: 03/21/16<br>Time: 1155 |  | Comp                                  | Grab | Date          | Date | (See pg 2)          |
| STORET # | G4SW0093                     |  | Matrix (type, e.g., Salt, Fresh, etc) |      | Diss. Oxygen  |      | Total Res. Chlorine |
|          | G4SW0093                     |  | FRESH                                 |      | 2.4           |      | (mg/L)              |
|          |                              |  | pH                                    |      | 7.5           |      | % sat               |
|          |                              |  | Temp (C)                              |      | 16.6          |      | Sp. Conductance     |
|          |                              |  | Salinity (ppt)                        |      | 0.10          |      | (umho/cm)           |
|          | Longitude                    |  | Comments                              |      | Sample Depth  |      | 228                 |
|          | dd dms                       |  |                                       |      | ft m          |      |                     |
| Location | RQ-2016-03-21-50             |  | Collection (comp begin or grab)       |      | Composite end |      | Bottle Group(s)     |
| Field ID | Date: 03/21/16<br>Time: 1155 |  | Comp                                  | Grab | Date          | Date | (See pg 2)          |
| STORET # | G4SW0093                     |  | Matrix (type, e.g., Salt, Fresh, etc) |      | Diss. Oxygen  |      | Total Res. Chlorine |
|          | G4SW0093                     |  | FRESH                                 |      | 2.4           |      | (mg/L)              |
|          |                              |  | pH                                    |      | 7.5           |      | % sat               |
|          |                              |  | Temp (C)                              |      | 16.6          |      | Sp. Conductance     |
|          |                              |  | Salinity (ppt)                        |      | 0.10          |      | (umho/cm)           |
|          | Longitude                    |  | Comments                              |      | Sample Depth  |      | 228                 |
|          | dd dms                       |  |                                       |      | ft m          |      |                     |
| Location | RQ-2016-03-21-50             |  | Collection (comp begin or grab)       |      | Composite end |      | Bottle Group(s)     |
| Field ID | Date: 03/21/16<br>Time: 1155 |  | Comp                                  | Grab | Date          | Date | (See pg 2)          |
| STORET # | G4SW0093                     |  | Matrix (type, e.g., Salt, Fresh, etc) |      | Diss. Oxygen  |      | Total Res. Chlorine |
|          | G4SW0093                     |  | FRESH                                 |      | 2.4           |      | (mg/L)              |
|          |                              |  | pH                                    |      | 7.5           |      | % sat               |
|          |                              |  | Temp (C)                              |      | 16.6          |      | Sp. Conductance     |
|          |                              |  | Salinity (ppt)                        |      | 0.10          |      | (umho/cm)           |
|          | Longitude                    |  | Comments                              |      | Sample Depth  |      | 228                 |
|          | dd dms                       |  |                                       |      | ft m          |      |                     |

|                  |           |                 |              |           |                  |           |              |           |
|------------------|-----------|-----------------|--------------|-----------|------------------|-----------|--------------|-----------|
| Relinquished By: | Date/Time | Shipping Method | Received By: | Date/Time | Relinquished By: | Date/Time | Received By: | Date/Time |
|------------------|-----------|-----------------|--------------|-----------|------------------|-----------|--------------|-----------|

|          |                                                                                               |         |               |               |               |                                     |   |
|----------|-----------------------------------------------------------------------------------------------|---------|---------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type:<br>BOD-UNIN                                                                      | P-1L    | # of Bottles: | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                    | BP-1L   | # of Bottles: | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
| Group: A | Bottle Type:<br>TURBIDITY<br>W-ALK<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L    | # of Bottles: | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
| Group: A | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                               | P-500ML | # of Bottles: | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
| Group: A | Bottle Type:<br>W-PO4-F                                                                       | P-125ML | # of Bottles: | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab | 2 |