



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

PAGE 1 OF

Data Qualified?

Yes / No

June 2016

STORET Station Name: Chicken Branch at Old Plank Rd

Date: 10/26/2016

(mm/dd/yyyy)

STORET Station ID: G1WA0031

WBID: 971

Latitude: 30.3261

(Decimal Degrees)

County: Leon

RQ - 2016-10-24-30

ORG ID: 21FLWQA

Longitude: -84.1481

(Decimal Degrees)

Receiving Body of Water: St. Marks River

Field ID: G1WA0031\_10252016

| Sampling Team Members                                       |      |                                                                                                                                     |                 | WQ Measurements                     | Sample Collection                   | Documentation                                                                     | Preservation                        | Preservation Check                  | Sampling Equipment                                   |                                                |                               |  |
|-------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------------|--|
| Ben Ralys                                                   |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn              | <input type="checkbox"/> Pole |  |
| Robert Wiwi                                                 |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe    |                               |  |
|                                                             |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                 |                               |  |
|                                                             |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Equipment ID                                         |                                                |                               |  |
|                                                             |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Collection Method                                    |                                                |                               |  |
|                                                             |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Wading           | Via Boat                                       |                               |  |
|                                                             |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Canoe/Kayak           |                               |  |
|                                                             |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Other (note below)          | <input type="checkbox"/> Electric Motor        |                               |  |
|                                                             |      |                                                                                                                                     |                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Gasoline Motor              |                                                |                               |  |
| Water Level: Dry / Low / Normal / High / Flooded            |      |                                                                                                                                     |                 | Matrix: Fresh / Marine / DI         |                                     |                                                                                   |                                     | Tide Falling: Yes / No / NA         |                                                      |                                                |                               |  |
| Meter ID# Biology #2                                        |      |                                                                                                                                     |                 | Photos: Yes / No                    |                                     |                                                                                   |                                     |                                     |                                                      |                                                |                               |  |
| 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                                                         | 0810 | 0.3                                                                                                                                 | 0.6             | 5.33                                | 57.4                                | 7.32                                                                              | 0.14                                | VOB                                 | 294                                                  | 18.51                                          |                               |  |
| 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 |                                     | SA-6209120                          |                                                      | 7/27/17 <input checked="" type="checkbox"/> <2 |                               |  |
| Metals                                                      |      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                     |                 |                                     |                                     | <input type="checkbox"/> Ice <input type="checkbox"/> HNO2                        |                                     |                                     |                                                      | <input type="checkbox"/> <2                    |                               |  |
| Filtered Nutrients                                          |      | <input checked="" type="checkbox"/> W-PO4-F <input checked="" 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                                           |                                     |                                     |                                                      |                                                |                               |  |
| Physical/Aggregate (Fresh)                                  |      | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                     |                 |                                     |                                     | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                                      |                                                |                               |  |
| Physical/Aggregate (Marine)                                 |      | <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"/> Enterococcus <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                          |                 |                                     |                                     | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                                      |                                                |                               |  |
|                                                             |      | <input type="checkbox"/> W-PC-AA-SF <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH                            |                 |                                     |                                     | <input type="checkbox"/> Other                                                    |                                     |                                     |                                                      |                                                |                               |  |

Notes:

Chicken Branch  
at Old Plank Rd

STORET ↓



G1WA0031

Field ID →

Chicken Branch  
at Old Plank Rd

Oct 26, 2016



G1WA0031-10262016

Signature:

Ben Ralys

Date:

10/26/16

Field Parameters Entered into LIMS: DT 10/27/16

(Initials/Date)

Field Parameters QC in LIMS: Ben Ralys

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)

# 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 page.

Meter Biology #2

RQ- 2016-10-24-30

Project SMP

- Notes:** (1) Numbers  $\leq 4$ , are rounded down; numbers  $\geq 5$  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<br>DEP SOP<br>FT 1500 | Name        | Date     | Time<br>CT-ET | Temp | D.O.<br>Chart<br>mg/L | Meter<br>D.O.<br>mg/L | % DO | Probe<br>Charge | Probe<br>Gain | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-------------|----------|---------------|------|-----------------------|-----------------------|------|-----------------|---------------|----------------|----------------|
| Calibr.                  | Robert Wini | 10/26/16 | 7:12          | 20.9 | 8.9                   | 8.9                   | 100  | 74.7            | —             | P              | L              |
| ICV                      | Robert Wini | 10/26/16 | 7:13          | 21.0 | 8.9                   | 8.9                   | 100  | 73.7            | —             | P              | L              |
| CCV                      | Robert Wini | 10/26/16 | 13:12         | 21.3 | 8.9                   | 8.8                   | 99   | 59.4            | —             | 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  $\pm 0.3$  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.<br>Cond.<br>FT 1200 | Name        | Date     | Time<br>CT-ET | Lot #   | Expir.<br>Date | Standard<br>$\mu$ mhos/cm | Meter<br>Reading<br>$\mu$ mhos/cm | Pass<br>/ Fail | Lab<br>/ Field |
|---------------------------|-------------|----------|---------------|---------|----------------|---------------------------|-----------------------------------|----------------|----------------|
| Calibr.                   | Robert Wini | 10/26/16 | 7:15          | 160330D | 4/17           | 1000                      | 1000                              | P              | L              |
| ICV                       | Robert Wini | 10/26/16 | 7:16          | 160330D | 4/17           | 1000                      | 1000                              | P              | L              |
| CCV                       | Robert Wini | 10/26/16 | 13:13         | 2510F2S | 10/17          | 100                       | 100                               | P              | L              |
| CCV                       |             |          |               |         |                |                           |                                   |                |                |

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria  $\pm 5\%$

| pH<br>DEP SOP<br>FT 1100 | Name        | Date     | Time<br>CT-ET | Lot #   | Expir.<br>Date | pH<br>Buffer<br>SU | Meter<br>reading<br>SU | mV     | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-------------|----------|---------------|---------|----------------|--------------------|------------------------|--------|----------------|----------------|
| Calibr.                  | Robert Wini | 10/26/16 | 7:20          | 160330B | 10/17          | 7.0                | 7.0                    | -20.6  | P              | L              |
| Calibr.                  | Robert Wini | 10/26/16 | 7:22          | 160330A | 4/17           | 4.0                | 4.0                    | 156.8  | P              | L              |
| Calibr.                  | Robert Wini | 10/26/16 | 7:25          | 160330C | 10/17          | 10.0               | 10.0                   | -188.6 | P              | L              |
| ICV                      | Robert Wini | 10/26/16 | 7:28          | 160330C | 10/17          | 10.0               | 10.0                   | -188.7 | P              | L              |
| CCV                      | Robert Wini | 10/26/16 | 13:14         | 160330A | 4/17           | 4.0                | 4.0                    | 155.1  | P              | L              |
| CCV                      |             |          |               |         |                |                    |                        |        |                |                |

Report pH with one decimal place; pH Acceptance criteria  $\pm 0.2$  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<br>(Daily) | Name | Date | Time<br>CT-ET | Zero the<br>Sensor | ICV Value | Pass /<br>Fail | Lab /<br>Field |
|-------------------------|------|------|---------------|--------------------|-----------|----------------|----------------|
| Pressure mode<br>in air |      |      |               | 0.000              |           |                |                |

ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater

Florida Department of Environmental Protection  
Central Laboratory Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Benjamin Ralys

Collected By: Benjamin Ralys, Robert Wini

Field Report Prepared By: Robert Wini

Sampling Agency: FDEP

| Location                                        | Field ID          | STORET # | Latitude | Longitude | Matrix (type, e.g., Salt, Fresh, etc) | Temp (C) | pH   | Salinity (ppt) | Comments | Collection (comp begin or grab) | Date     | Time | Composite end | Eastern                             | Central                  | Diss. Oxygen | Total Res. Chlorine (mg/L) | % sat | Sp. Conductance (umho/cm) | Bottle Group(s) |
|-------------------------------------------------|-------------------|----------|----------|-----------|---------------------------------------|----------|------|----------------|----------|---------------------------------|----------|------|---------------|-------------------------------------|--------------------------|--------------|----------------------------|-------|---------------------------|-----------------|
| Chicken Branch at Old Plank Rd                  | G1WA0031-10262016 | G1WA0031 | 30.3261  | -84.1481  | Fresh                                 | 18.51    | 7.32 | 0.14           |          | Grab                            | 10/26/16 | 0810 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5.33         |                            |       | 294                       | A               |
| Big Cypress Branch 100 meters upstream of CR 67 | G1WA0003-10262016 | G1WA0003 | 30.3459  | -84.7829  | Fresh                                 | 15.63    | 7.53 | 0.23           |          | Grab                            | 10/26/16 | 1000 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8.24         |                            |       | 482                       | A               |
| Shalford Creek 100 meters upstream of SR 69     | G2WA0004-10262016 | G2WA0004 |          |           | Fresh                                 | 16.94    | 7.21 | 0.04           |          | Grab                            | 10/26/16 | 1105 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8.11         |                            |       | 91                        | A               |

| Field ID | STORET # | Latitude | Longitude | Matrix (type, e.g., Salt, Fresh, etc) | Temp (C) | pH | Salinity (ppt) | Comments | Collection (comp begin or grab) | Date | Time | Composite end | Eastern                             | Central                  | Diss. Oxygen | Total Res. Chlorine (mg/L) | % sat | Sp. Conductance (umho/cm) | Bottle Group(s) |
|----------|----------|----------|-----------|---------------------------------------|----------|----|----------------|----------|---------------------------------|------|------|---------------|-------------------------------------|--------------------------|--------------|----------------------------|-------|---------------------------|-----------------|
|          |          |          |           |                                       |          |    |                |          |                                 |      |      |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |              |                            |       |                           |                 |

|                  |                           |                  |                            |              |                           |
|------------------|---------------------------|------------------|----------------------------|--------------|---------------------------|
| Relinquished By: | Date/Time: 10/26/16 17:56 | Shipping Method: | Number of Coolers Shipped: | Received By: | Date/Time: 10.26.16 12:58 |
|------------------|---------------------------|------------------|----------------------------|--------------|---------------------------|

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00064947

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: 4 Preservation: ICE-FLTR

Lot # 00065449

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: PJ-2L

Qty: 2 Preservation: Formalin

Lot # BIO-WASH

Description: Plastic Jar 2 L

Analysis

MI-FW-QLDC

Description

No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Bottle Group: C

# of Sites: 2

Container ID: PT-50ML

Qty: 2 Preservation: ICE

Lot # 03715003

Description: Plastic Tube 50 mL

Analysis

ALGAL\_ID

Description

Qualitative assessment of algal taxa present without counts

Cooler Packed By: CR Date: 10/25/16  
DEP Cooler ID #(s): 2 Red 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-2016-10-24-30**