



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Harvey Creek @ Joe Thomas Rd Lake Overstreet Drain @ N Meridian  
WIN/ Field ID: G1TLHR0002 G1TLHR0069 WBID: 924 669 Latitude: 30.4062  
County: Leon ORG ID: 21FLTLHR Longitude: -84.5291  
Receiving Body of Water: Lake Talquin Lake Jackson RQ-2018-01-04-21

| Sampling Team Members                                                                                                 |      |                                                                                                                                                                                         |                  | WQ Measurements                     | Sample Collection                   | Documentation                                                                     | Preservation                        | Preservation Check                         | Sampling Equipment                                   |                                             |                               |  |
|-----------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------|------------------------------------------------------|---------------------------------------------|-------------------------------|--|
| San Woods<br>Jessie Tolbert                                                                                           |      |                                                                                                                                                                                         |                  | <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 |  |
|                                                                                                                       |      |                                                                                                                                                                                         |                  |                                     |                                     |                                                                                   |                                     |                                            | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |  |
|                                                                                                                       |      |                                                                                                                                                                                         |                  |                                     |                                     |                                                                                   |                                     |                                            | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |  |
| Depth Measured with                                                                                                   |      |                                                                                                                                                                                         |                  | Equipment ID                        |                                     |                                                                                   |                                     | Collection Method                          |                                                      |                                             |                               |  |
|                                                                                                                       |      |                                                                                                                                                                                         |                  |                                     |                                     |                                                                                   |                                     | <input checked="" type="checkbox"/> Wading | <input type="checkbox"/> Canoe/Kayak                 |                                             |                               |  |
|                                                                                                                       |      |                                                                                                                                                                                         |                  |                                     |                                     |                                                                                   |                                     | <input type="checkbox"/> From Shore        | <input type="checkbox"/> Electric Motor              |                                             |                               |  |
|                                                                                                                       |      |                                                                                                                                                                                         |                  |                                     |                                     |                                                                                   |                                     | <input type="checkbox"/> Other             | <input type="checkbox"/> Gasoline Motor              |                                             |                               |  |
| Water Level: Dry/ Pooled/ Low / Normal / High / Flooded                                                               |      |                                                                                                                                                                                         |                  | Meter ID# <u>116157</u>             |                                     |                                                                                   |                                     | Matrix: Fresh / Marine / DI                |                                                      |                                             |                               |  |
| Photos: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Flow: No Flow / Intestinal / Flowing / NA |      |                                                                                                                                                                                         |                  | Tide: Rising/ Falling/ Slack/ NA    |                                     |                                                                                   |                                     | Tide Times: High Low                       |                                                      |                                             |                               |  |
| Time Zone                                                                                                             | Time | Total Depth (m)                                                                                                                                                                         | Sample Depth (m) | Secchi Disk (m)                     | DO (mg/L)                           | DO (%SAT)                                                                         | pH                                  | Salinity (PPT)                             | Sp COND (µmhos/cm)                                   | Temp. (C°)                                  |                               |  |
| EST                                                                                                                   | 1305 | 0.2                                                                                                                                                                                     | 0.1              | 0.2                                 | 11.79                               | 102.7                                                                             | 6.69                                | 0.06                                       | 169                                                  | 9.27                                        |                               |  |
| CEN                                                                                                                   |      |                                                                                                                                                                                         |                  | S                                   |                                     |                                                                                   |                                     |                                            |                                                      |                                             |                               |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:                                          |      |                                                                                                                                                                                         |                  |                                     |                                     |                                                                                   |                                     |                                            |                                                      |                                             |                               |  |
| SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:                                                        |      |                                                                                                                                                                                         |                  |                                     |                                     |                                                                                   |                                     |                                            |                                                      |                                             |                               |  |
| Parameter Suite                                                                                                       |      | Parameter Methods                                                                                                                                                                       |                  |                                     |                                     | Preservation                                                                      |                                     | 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 |                                     | 7875010                                    | 10/2/16                                              | <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 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                                                 |                                     |                                            |                                                      |                                             |                               |  |
| Periphyton                                                                                                            |      | <input type="checkbox"/> ALGAE-ID                                                                                                                                                       |                  |                                     |                                     | <input type="checkbox"/> Ice                                                      |                                     |                                            |                                                      |                                             |                               |  |
| Microbiology                                                                                                          |      | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                         |                  |                                     |                                     | <input checked="" type="checkbox"/> Ice                                           |                                     |                                            |                                                      |                                             |                               |  |
| Molecular                                                                                                             |      | <input checked="" type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD |                  |                                     |                                     | <input checked="" type="checkbox"/> Ice                                           |                                     |                                            |                                                      |                                             |                               |  |
| Tracers                                                                                                               |      | <input checked="" type="checkbox"/> W-SUC-AA-R <input checked="" type="checkbox"/> W-UHERB-AA <input checked="" type="checkbox"/> W-AHERB-AA                                            |                  |                                     |                                     | <input checked="" type="checkbox"/> Ice                                           |                                     |                                            |                                                      |                                             |                               |  |
| Pesticides                                                                                                            |      | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-CARB-AA                                           |                  |                                     |                                     | <input type="checkbox"/> Ice                                                      |                                     |                                            |                                                      |                                             |                               |  |
|                                                                                                                       |      | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R                                            |                  |                                     |                                     | <input type="checkbox"/> Other                                                    |                                     |                                            |                                                      |                                             |                               |  |

Notes: Secchi visible on bottom

Field/WIN ID

Location

Lake Overstreet Drain @ N Meridian Rd



G1TLHR0053

Signature: [Signature]

Date:

1/18/16

Enter Field Parameters, Verify Station ID in LIMS DMT:

1/18/16

QC Station ID, Field Parameters in LIMS DMT:

1/18/16

Scan/Save Field Sheets

Migrate Data to WIN:

1/18/16

Verify Data in WIN:

1/18/16

Field Report Prepared By:

Collected By: Woods Tober

**Sampling Agency:**

|                           |                      |                       |                                 |                       |                       |
|---------------------------|----------------------|-----------------------|---------------------------------|-----------------------|-----------------------|
| Relinquished By:<br>woods | Date/Time<br>1/13/16 | Shipping Method<br>HD | Number of Coolers Shipped:<br>1 | Received By:<br>Tuk-K | Date/Time<br>01/18/16 |
|---------------------------|----------------------|-----------------------|---------------------------------|-----------------------|-----------------------|

# 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 ID: YSI118157

RQ:                     

Project: SMP 2018

- Notes: (1) Always wait for meter to stabilize before recording any readings.  
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).  
 (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 11/17

| 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.            | Jessie Gilbert | 1-18-18 | 822        | 19.3 | 9.2             | 9.2             | 100  | N/A          | 1.02       | P/F         | L/F         |
| ICV                |                |         | 824        | 18.4 | 9.3             | 9.3             | 100  |              | 1.02       | P/F         | L/F         |
| CCV                | San Woods      | ↓       | 1308       | 3.6  | 13.1            | 13.38           | 101  | ↓            | -          | P/F         | L/F         |
| CCV                |                | ↓       |            |      |                 |                 |      |              |            | P/F         | L/F         |

DO Acceptance criteria from Table  $\pm 0.3$  mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

| Spec. Cond. FT 1200 | Name           | Date    | Time CT-ET | Lot #   | Expir. Date | Standard $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail | Lab / Field |
|---------------------|----------------|---------|------------|---------|-------------|------------------------|-----------------------------|-------------|-------------|
| Calibr.             | Jessie Tolbert | 1-18-18 | 825        | 171121D | 12/2018     | 1000                   | 1000                        | P/F         | L/F         |
| ICV                 |                |         | 826        | 2710781 | 9/2019      | 100                    | 98                          | P/F         | L/F         |
| CCV                 | San Woods      | ↓       | 1309       | 171031B | 11/18       | 1000                   | 1009                        | P/F         | L/F         |
| CCV                 |                | ↓       | 1310       | 2710781 | 9/19        | 100                    | 103                         | P/F         | L/F         |

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.            | Jessie Tolbert | 1-18-18 | 827        | 171121A | 6/2019      | 7.0          | 7.0              | -51  | P/F         | L/F         |
| Calibr.            |                |         | 830        | 171121C | 12/2018     | 4.0          | 4.0              | 123  | P/F         | L/F         |
| Calibr.            |                |         | 832        | 171121B | 6/2019      | 10.0         | 9.96             | -215 | P/F         | L/F         |
| ICV                |                |         | 833        | 171121B | 6/2019      | 10.0         | 9.98             | -215 | P/F         | L/F         |
| CCV                | San Woods      | ↓       | 1312       | 170926B | 10/2018     | 4.0          | 4.1              | 113  | P/F         | L/F         |
| CCV                |                | ↓       |            |         |             |              |                  |      | P/F         | L/F         |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ;

mV pH 4 Range  $+180 \pm 50$ ;

mV pH 10 Range  $-180 \pm 50$ ;

If mV are recorded: slope from 7 to 10 164, slope from 4 to 7 174 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification                     

| Depth Sensor (Daily Calibration & ICV) | Name | Date | Time CT-ET | Calibrated Value (0.00 or Offset), meters | ICV Value meters | Pass / Fail | Lab / Field |
|----------------------------------------|------|------|------------|-------------------------------------------|------------------|-------------|-------------|
| Pressure mode in air                   |      |      |            |                                           |                  | P / F       | L / F       |

Report two decimal places. Round numbers  $\leq 4$  down,  $\geq 5$  up. ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater.

COMMENTS: