

# CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: Desi RQ- 2019-12-16-15 Project: Tribal lands

- 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.

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 10/2019

| DO<br>DEP SOP<br>FT 1500 | Name        | Date     | Time<br>CT-ET | Temp<br>°C | Baro-<br>meter<br>mmHg | 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.                  | K. McDonald | 12/16/19 | 0741          | 22.3       | 765.8                  | 8.8                   | 8.79                  | 100.8 | -               | 1.025         | P/F            | L/F            |
| ICV                      |             |          | 0743          | 22.2       | 766                    | 8.8                   | 8.80                  | 101.0 | -               | 1.025         | P/F            | L/F            |
| CCV                      | B-V         | 12/16/19 | 1436          | 22.1       | 763                    | 8.8                   | 8.80                  | 101.0 | -               | 1.025         | P/F            | L/F            |
| CCV                      |             |          |               |            |                        |                       |                       |       |                 |               | P/F            | L/F            |

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 (Pro DSS 0.75 to 1.50); 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>$\mu$ hos/cm | Meter<br>Reading<br>$\mu$ hos/cm | Pass<br>/ Fail | Lab<br>/ Field |
|---------------------------|-------------|-------|---------------|---------|----------------|--------------------------|----------------------------------|----------------|----------------|
| Calibr.                   | K. McDonald | 12/16 | 0746          | 191018  | 10/2020        | 1000                     | 1000                             | P/F            | L/F            |
| ICV                       |             |       | 0748          | 190711A | 07/2020        | 100                      | 99.4                             | P/F            | L/F            |
| CCV                       | B-V         |       | 1435          |         |                | 1000                     | 1002                             | P/F            | L/F            |
| CCV                       |             |       |               |         |                |                          |                                  | P/F            | L/F            |

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 | Temp<br>°C | Meter<br>reading<br>SU | mV     | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-------------|-------|---------------|---------|----------------|--------------------|------------|------------------------|--------|----------------|----------------|
| Calibr.                  | K. McDonald | 12/16 | 0754          | 2902778 | 01/2021        | 7.01               | 22.7       | 7.01                   | -36.8  | P/F            | L/F            |
| Calibr.                  |             |       | 0757          | 2907D62 | 07/2021        | 4.00               | 22.8       | 4.00                   | 143.3  | P/F            | L/F            |
| Calibr.                  |             |       | 0759          | 2904E91 | 10/2020        | 10.02              | 22.8       | 10.03                  | -206.3 | P/F            | L/F            |
| ICV                      |             |       | 0801          | 2902778 | 01/2021        | 7.01               | 22.8       | 7.04                   | -34.8  | P/F            | L/F            |
| CCV                      | B-V         |       | 1440          |         |                | 4.0                | 23.4       | 3.97                   | 143.5  | 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 10 169.5, slope from 4 to 7 180.1 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 10/23/2019

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: \_\_\_\_\_; Date of last verification: \_\_\_\_\_

| Depth Sensor<br>(Daily Calibration &<br>ICV) | Name        | Date     | Time<br>CT-ET | Calibrated<br>Value (0.00 or<br>Offset), meters | ICV Value,<br>meters | Pass /<br>Fail | Lab /<br>Field |
|----------------------------------------------|-------------|----------|---------------|-------------------------------------------------|----------------------|----------------|----------------|
| Pressure mode in air                         | K. McDonald | 12/16/19 | 0803          | 0.00                                            | 0.00                 | 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:



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?  
Yes / No

WIN Station Name: Gillis Pond Center

Date: 12/16/19  
(mm/dd/yyyy)

WIN/ Field ID: G1NE0863

WBID: 2732Y

Latitude: 29.56712  
(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: 81.98366  
(Decimal Degrees)

Receiving Body of Water: Higgin Botham Lake Outlet

RQ-2019- 12-16-15

| Sampling Team Members                                                 |             |                                                                                                                                                                                                                        |                  |                                                   |             | Sampling Equipment                                                                |                                                 |                                                                                                                                           |                    |              |
|-----------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------|-------------|-----------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|
| Brian Davis<br>K. McDonald                                            |             |                                                                                                                                                                                                                        |                  |                                                   |             | <input checked="" type="checkbox"/> Sample Container                              | <input type="checkbox"/> Van Dorn               | <input type="checkbox"/> Pole                                                                                                             |                    |              |
|                                                                       |             |                                                                                                                                                                                                                        |                  |                                                   |             | <input type="checkbox"/> Carboy                                                   | <input type="checkbox"/> Syringe                |                                                                                                                                           |                    |              |
|                                                                       |             |                                                                                                                                                                                                                        |                  |                                                   |             | <input type="checkbox"/> Dipper                                                   | <input type="checkbox"/> Other                  |                                                                                                                                           |                    |              |
|                                                                       |             |                                                                                                                                                                                                                        |                  |                                                   |             | Depth Measured with                                                               |                                                 |                                                                                                                                           |                    |              |
| Equipment ID                                                          |             |                                                                                                                                                                                                                        |                  |                                                   |             | Collection Method                                                                 |                                                 |                                                                                                                                           |                    |              |
|                                                                       |             |                                                                                                                                                                                                                        |                  |                                                   |             | <input type="checkbox"/> Wading                                                   | <input checked="" 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/ <u>Low</u> / Normal / High / Flooded        |             |                                                                                                                                                                                                                        |                  |                                                   |             | Meter ID# <u>DCSi</u>                                                             |                                                 | Matrix: <u>Fresh</u> / Marine / DI                                                                                                        |                    |              |
| Photos: Yes / <u>No</u>                                               |             | Flow: No Flow / Intestinal / <u>Flowing</u>                                                                                                                                                                            |                  | Tide: <u>Rising</u> / Falling / Slack / <u>NA</u> |             | 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°)   |
| <u>EST</u>                                                            | <u>1205</u> | <u>4.3</u>                                                                                                                                                                                                             | <u>0.3</u>       | <u>1.2</u>                                        | <u>7.52</u> | <u>79.4</u>                                                                       | <u>4.11</u>                                     | <u>0.03</u>                                                                                                                               | <u>69.4</u>        | <u>17.9</u>  |
| <u>CEN</u>                                                            | <u>1207</u> |                                                                                                                                                                                                                        | <u>3.710</u>     |                                                   | <u>4.62</u> | <u>48.0</u>                                                                       | <u>4.71</u>                                     | <u>0.03</u>                                                                                                                               | <u>65.2</u>        | <u>16.9</u>  |
| Biological Samples Collected: None 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 |                                                 | <u>SA9203100</u>                                                                                                                          | <u>07/2020</u>     | <u>&lt;2</u> |
| Metals                                                                |             | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                        |                  |                                                   |             | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |                                                 |                                                                                                                                           |                    | <u>&lt;2</u> |
| Filtered Nutrients                                                    |             | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                          |                  |                                                   |             | <input checked="" type="checkbox"/> Ice                                           |                                                 | <u>R9EA3099</u>                                                                                                                           |                    |              |
| Chlorophyll                                                           |             | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                         |                  |                                                   |             | <input checked="" type="checkbox"/> Ice                                           |                                                 | <div>Place Preservation</div> <div>Contains: 1:1 H2SO4<br/>Lot No.: SA9203100<br/>Expires: 07/22/20<br/>See Safety Data Sheet (SDS)</div> |                    |              |
| 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-BR-IC / 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                   |                  |                                                   |             | <input type="checkbox"/> Ice                                                      |                                                 |                                                                                                                                           |                    |              |
| Molecular                                                             |             | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD       |                  |                                                   |             | <input type="checkbox"/> Ice                                                      |                                                 |                                                                                                                                           |                    |              |
| Tracers                                                               |             | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                |                  |                                                   |             | <input type="checkbox"/> Ice                                                      |                                                 |                                                                                                                                           |                    |              |
| Pesticides                                                            |             | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA |                  |                                                   |             | <input type="checkbox"/> Ice                                                      |                                                 |                                                                                                                                           |                    |              |
| Phytoplankton                                                         |             | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                    |                  |                                                   |             | <input type="checkbox"/>                                                          |                                                 |                                                                                                                                           |                    |              |

Notes:

Skippy 500 Skippy@AOL.com

WIN ID/Field ID:



G1NE0863

Gillis Pond Center

Signature:

Kelly McDonald

Date:

12/16/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

km 12/16/19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified  
Yes ☒ No ☐

WIN Station Name: Church Lake Center

Date: 12/16/19  
(mm/dd/yyyy)

WIN/ Field ID: G1NE0867

WBID: 2715Y

Latitude: 29.65147

(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: -81.86897

(Decimal Degrees)

Receiving Body of Water: Gum Creek

RQ-2019- 12-16-15

| Sampling Team Members                                          |                                                                                                                 | WQ Measurements                                | Sample Collection                   | Documentation                           | Preservation                        | Preservation Check                                                                | Sampling Equipment                                   |                                                 |                                                              |            |  |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|------------|--|
| Brian Davis                                                    |                                                                                                                 | <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                                |            |  |
| Kelly McDonald                                                 |                                                                                                                 | <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 type="checkbox"/> Syringe                |                                                              |            |  |
|                                                                |                                                                                                                 |                                                |                                     |                                         |                                     |                                                                                   | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                  |                                                              |            |  |
|                                                                |                                                                                                                 |                                                |                                     |                                         |                                     |                                                                                   | Depth Measured with <u>Desi</u>                      |                                                 |                                                              |            |  |
|                                                                |                                                                                                                 |                                                |                                     |                                         |                                     |                                                                                   | Equipment ID <u>On the #7</u>                        |                                                 |                                                              |            |  |
|                                                                |                                                                                                                 |                                                |                                     |                                         |                                     |                                                                                   | Collection Method                                    |                                                 |                                                              |            |  |
|                                                                |                                                                                                                 |                                                |                                     |                                         |                                     |                                                                                   | <input type="checkbox"/> Wading                      | <input checked="" 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 / <u>Normal</u> / High / Flooded |                                                                                                                 |                                                |                                     |                                         |                                     |                                                                                   | Meter ID# <u>Desi</u>                                |                                                 | Matrix: Fresh <input checked="" type="checkbox"/> Marine/ DI |            |  |
| Photos: Yes / No                                               |                                                                                                                 | Flow: No Flow / Intestinal / Flowing <u>NA</u> |                                     | Tide: Rising/ Falling/ Slack/ <u>NA</u> |                                     | Tide Times: High Low                                                              |                                                      |                                                 |                                                              |            |  |
| Time Zone                                                      | Time                                                                                                            | Total Depth (m)                                | Sample Depth (m)                    | Secchi Disk (m)                         | DO (mg/L)                           | DO (%SAT)                                                                         | pH                                                   | Salinity (PPTH)                                 | Sp COND (umhos/cm)                                           | Temp. (C°) |  |
| EST                                                            | 1105                                                                                                            | 8.3                                            | 0.3                                 | 4.3                                     | 8.68                                | 92.6                                                                              | 6.85                                                 | 0.02                                            | 39.4                                                         | 18.6       |  |
| CEN                                                            | 1107                                                                                                            |                                                | 5.2                                 |                                         | 7.05                                | 73.6                                                                              | 6.08                                                 | 0.02                                            | 39.6                                                         | 17.4       |  |
| 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 | SA9203100                                            | 7/22/20                                         | <input checked="" type="checkbox"/> <2                       |            |  |
| Metals                                                         | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ACP                                                 |                                                |                                     |                                         |                                     | <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 um Filter   |                                                |                                     |                                         |                                     | <input checked="" type="checkbox"/> Ice                                           | R9EA32199                                            |                                                 |                                                              |            |  |
| Chlorophyll                                                    | <input checked="" type="checkbox"/> CHL-SUITE-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-BR-IC / 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 type="checkbox"/> E Coll <input type="checkbox"/> F Coll <input type="checkbox"/> Enterococci            |                                                |                                     |                                         |                                     | <input type="checkbox"/> Ice                                                      |                                                      |                                                 |                                                              |            |  |
| Molecular                                                      | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2        |                                                |                                     |                                         |                                     | <input type="checkbox"/> Ice                                                      |                                                      |                                                 |                                                              |            |  |
|                                                                | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD            |                                                |                                     |                                         |                                     | <input type="checkbox"/> Ice                                                      |                                                      |                                                 |                                                              |            |  |
| Tracers                                                        | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                         |                                                |                                     |                                         |                                     | <input type="checkbox"/> Ice                                                      |                                                      |                                                 |                                                              |            |  |
| Pesticides                                                     | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI       |                                                |                                     |                                         |                                     | <input type="checkbox"/> Ice                                                      |                                                      |                                                 |                                                              |            |  |
|                                                                | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA       |                                                |                                     |                                         |                                     | <input type="checkbox"/> Ice                                                      |                                                      |                                                 |                                                              |            |  |
| Phytoplankton                                                  | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                             |                                                |                                     |                                         |                                     |                                                                                   |                                                      |                                                 |                                                              |            |  |

Contains: 1:1 H2SO4  
Lot No.: SA9203100  
Expires: 07/22/20  
See Safety Data Sheet (SDS)

cker(s) Here

Notes:

WIN / Field ID:



G1NE0867

Church Lake Center

Signature: B. D.

Date: 12/16/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

km 12/16/19

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Interlachen 2

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: K. McDonald

Project ID: SMP

Collected By: K. McDonald, B. DavisSampling Agency: FL DEP DEAR

|                    |                                                                                   |                                                                                   |                                                                           |                                                                           |                                                                                                        |                                                                                                        |                                  |                                          |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------|
| Loc:               | WIN / Field ID:                                                                   |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>12/16/19</u> Time <u>1105</u>  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central                        | Composite end<br>Date _____ Time _____                                                                 | Bottle<br>Group(s)<br>(See pg 2) |                                          |
| Field              | Church Lake Center                                                                |                                                                                   | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                           | Diss. Oxygen<br><u>8.68</u> <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                                                          | A                                |                                          |
| WIN                |                                                                                   |                                                                                   | Temp<br>(C) <u>18.6</u>                                                   | pH<br><u>6.85</u>                                                         | Sample<br>Depth <u>0.3</u> <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m        | Sp. Conductance<br>(umho/cm) <u>39.4</u>                                                               |                                  |                                          |
| Latitude           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) <u>0.02</u>                                             | Comments                                                                                               |                                                                                                        |                                  |                                          |
| WIN ID/Field ID:   |  |                                                                                   |                                                                           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>12/16/19</u> Time <u>1205</u>                               | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central                        | Bottle<br>Group(s)               |                                          |
| Gillis Pond Center |                                                                                   |                                                                                   |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                                                        | Diss. Oxygen<br><u>7.52</u> <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | A                                |                                          |
|                    |                                                                                   |                                                                                   |                                                                           | Temp<br>(C) <u>17.9</u>                                                   | pH<br><u>4.11</u>                                                                                      | Sample<br>Depth <u>0.3</u> <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m        |                                  | Sp. Conductance<br>(umho/cm) <u>69.4</u> |
| Latitude           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) <u>0.03</u>                                             | Comments                                                                                               |                                                                                                        |                                  |                                          |
| Location           |                                                                                   |                                                                                   |                                                                           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                                               | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central                                   | Bottle<br>Group(s)               |                                          |
| Field ID           |                                                                                   |                                                                                   |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                                                        | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                        |                                  |                                          |
| WIN/STORET #       |                                                                                   |                                                                                   |                                                                           | Temp<br>(C)                                                               | pH                                                                                                     | Sample<br>Depth <input type="checkbox"/> ft<br><input type="checkbox"/> m                              |                                  | Sp. Conductance<br>(umho/cm)             |
| Latitude           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                                         | Comments                                                                                               |                                                                                                        |                                  |                                          |
| Location           |                                                                                   |                                                                                   |                                                                           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                                               | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central                                   | Bottle<br>Group(s)               |                                          |
| Field ID           |                                                                                   |                                                                                   |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                                                        | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                        |                                  |                                          |
| WIN/STORET #       |                                                                                   |                                                                                   |                                                                           | Temp<br>(C)                                                               | pH                                                                                                     | Sample<br>Depth <input type="checkbox"/> ft<br><input type="checkbox"/> m                              |                                  | Sp. Conductance<br>(umho/cm)             |
| Latitude           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                                         | Comments                                                                                               |                                                                                                        |                                  |                                          |

|                                     |                                   |                                 |                                     |                    |                    |
|-------------------------------------|-----------------------------------|---------------------------------|-------------------------------------|--------------------|--------------------|
| Relinquished By: <u>[Signature]</u> | Date/Time<br><u>12/16/19 1630</u> | Shipping Method<br><u>Fedex</u> | Number of Coolers Shipped: <u>1</u> | Received By: _____ | Date/Time<br>_____ |
|-------------------------------------|-----------------------------------|---------------------------------|-------------------------------------|--------------------|--------------------|

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
|          | W-NH3        |         |                 |               |               |                                     |   |
|          | W-NO2NO3     |         |                 |               |               |                                     |   |
|          | W-S-A-TP     |         |                 |               |               |                                     |   |
|          | W-TKN        |         |                 |               |               |                                     |   |
|          | W-TOC        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 2 |
|          | W-PO4-F      |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 0 |
|          | W-NH3        |         |                 |               |               |                                     |   |
|          | W-NO2NO3     |         |                 |               |               |                                     |   |
|          | W-S-A-TP     |         |                 |               |               |                                     |   |
|          | W-TKN        |         |                 |               |               |                                     |   |
|          | W-TOC        |         |                 |               |               |                                     |   |

Group: B

Bottle Type:

P-125ML

# of Bottles: 1

Preservative:

FILTER-ICE

Enter Number of Bottles Sent to Lab

Ø

W-PO4-F