

# 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: 154177

RQ: 2019-09-30-08

Project: 2019 SMP

- 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 10/19

| DO DEP SOP FT 1500 | Name       | Date     | Time CT-ET | Temp °C | Baro-meter mmHg | D.O. Chart mg/L | Meter D.O. mg/L | % DO  | Probe Charge | Probe Gain | Pass / Fail | Lab / Field |
|--------------------|------------|----------|------------|---------|-----------------|-----------------|-----------------|-------|--------------|------------|-------------|-------------|
| Calibr.            | Ben Harden | 10/30/19 | 0754       | 19.0    | 758.7           | 9.3             | 9.27            | 99.9  |              | 0.9882     | P / F       | L / F       |
| ICV                | "          | "        | 0808       | 18.5    | 758.6           | 9.3             | 9.36            | 100.1 |              |            | P / F       | L / F       |
| CCV                | "          | "        | 1641       | 23.4    | 756.8           | 8.5             | 8.55            | 100.5 |              |            | 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. 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.             | Ben Harden | 10/30/19 | 0756       | 190618F | 06/20       | 1000                   | 1001                        | P / F       | L / F       |
| ICV                 | "          | "        | 0758       | 2908081 | 08/21       | 100.0                  | 101.7                       | P / F       | L / F       |
| CCV                 | "          | "        | 1642       | 190618F | 06/20       | 1000                   | 993                         | P / F       | L / F       |
| CCV                 | "          | "        | 1643       | 2908081 | 08/21       | 100.0                  | 101.7                       | 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 | Temp °C | Meter reading SU | mV     | Pass / Fail | Lab / Field |
|--------------------|------------|----------|------------|---------|-------------|--------------|---------|------------------|--------|-------------|-------------|
| Calibr.            | Ben Harden | 10/30/19 | 0801       | 190618F | 12/20       | 7.02         | 19.5    | 7.02             | -25.1  | P / F       | L / F       |
| Calibr.            | "          | "        | 0803       | 190618A | 12/20       | 4.00         | 18.8    | 4.00             | 150.4  | P / F       | L / F       |
| Calibr.            | "          | "        | 0805       | 190618L | 12/20       | 10.07        | 19.2    | 10.07            | -191.8 | P / F       | L / F       |
| ICV                | "          | "        | 0807       | "       | "           | 10.08        | 18.5    | 10.09            | -192.2 | P / F       | L / F       |
| CCV                | "          | "        | 1654       | 190618E | 10/20       | 1.00         | 20.0    | 1.19             | 304.9  | 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 10 166.7, slope from 4 to 7 175.5 (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:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: ; Date of last 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                   | Ben Harden | 10/30/19 | 0752       | 0.272                                     | 0.272             | 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: Sandy Branch @ SR22

Date: 10/30/2019  
(mm/dd/yyyy)

WIN/ Field ID: G3TLHR0027

WBID: 1148

Latitude: 30.1431

County: Gulf

ORG ID: 21FTLHR

Longitude: 85.285  
(Decimal Degrees)

Receiving Body of Water: Wetappo Creek

RQ: 2019-08-12-3584 09-30-08  
(Decimal Degrees)

| Sampling Team Members                                                        |                                                                                                                                                                                                                        |                 |                  | WQ Measurements                           | Sample Collection                                                                 | Documentation                       | Preservation                        | Preservation Check                     | Sampling Equipment                                   |                                   |                               |  |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------------------|-------------------------------|--|
| <u>Ben Hardin</u><br><u>Sen Woods</u>                                        |                                                                                                                                                                                                                        |                 |                  | <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 type="checkbox"/> Syringe  |                               |  |
|                                                                              |                                                                                                                                                                                                                        |                 |                  |                                           |                                                                                   |                                     |                                     |                                        | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |  |
| Depth Measured with <u>ProDS</u>                                             |                                                                                                                                                                                                                        |                 |                  |                                           |                                                                                   |                                     |                                     | Equipment ID <u>154177</u>             |                                                      |                                   |                               |  |
| 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/ <u>Low</u> / Normal / High / Flooded               |                                                                                                                                                                                                                        |                 |                  | Meter ID# <u>154177</u>                   |                                                                                   |                                     |                                     | Matrix: <u>Fresh</u> / Marine / DI     |                                                      |                                   |                               |  |
| Photos: Yes / <u>No</u>                                                      |                                                                                                                                                                                                                        |                 |                  | 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 (umhos/cm)                                   | Temp. (C°)                        |                               |  |
| <u>EST</u>                                                                   | <u>1115</u>                                                                                                                                                                                                            | <u>0.6</u>      | <u>0.3</u>       | <u>0.6(s)</u>                             | <u>3.97</u>                                                                       | <u>45.9</u>                         | <u>3.70</u>                         | <u>0.04</u>                            | <u>72.2</u>                                          | <u>22.5</u>                       |                               |  |
| CEN                                                                          |                                                                                                                                                                                                                        |                 |                  |                                           |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |
| 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 | <u>SA9208100</u>                    | <u>07/22/20</u>                     | <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 um 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-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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                        |                 |                  |                                           | <input checked="" 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                                                                                                                                                    |                 |                  |                                           |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |

Notes:

No E Coli

Field/WIN ID →

Location ↓



G3TLHR0027



SANDY BRANCH @ SR22

Signature: [Signature]

Date: 10/30/2019

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 26 10/31/19

Migrate Data to WIN: \_\_\_\_\_

Verify Data In WIN: \_\_\_\_\_

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: Parker Creek @ ParkDate: 10/30/2019  
(mm/dd/yyyy)WIN/ Field ID: G3TLHR0040WBID: 1141ALatitude: 30.1448

(Decimal Degrees)

County: BayORG ID: 21FLTLHRLongitude: 85.5854

(Decimal Degrees)

Receiving Body of Water: Parker BayouRQ: 2019-09-30-08

| Sampling Team Members                                                   |             |                                                                                                                                                                                                                         |                  |                 |             | WQ Measurements                                  | Sample Collection                                                                 | Documentation                       | Preservation                        | Preservation Check                  | Sampling Equipment                                                                                                                                                                                                                                                                                                          |  |                                        |  |  |                      |  |  |  |  |
|-------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-------------|--------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|--|--|----------------------|--|--|--|--|
| <u>Ben Hardin</u><br><u>Sam Woods</u>                                   |             |                                                                                                                                                                                                                         |                  |                 |             | <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<br><input type="checkbox"/> Carboy <input type="checkbox"/> Syringe<br><input type="checkbox"/> Dipper <input type="checkbox"/> Other<br>Depth Measured with <u>PODS</u><br>Equipment ID <u>154177</u> |  |                                        |  |  |                      |  |  |  |  |
|                                                                         |             |                                                                                                                                                                                                                         |                  |                 |             |                                                  |                                                                                   |                                     |                                     |                                     | Collection Method<br><input checked="" type="checkbox"/> Wading <input type="checkbox"/> Canoe/Kayak<br><input type="checkbox"/> From Shore <input type="checkbox"/> Electric Motor<br><input type="checkbox"/> Other <input type="checkbox"/> Gasoline Motor                                                               |  |                                        |  |  |                      |  |  |  |  |
| Water Level: <u>Dry</u> / Pooled / Low / Normal / <u>High</u> / Flooded |             |                                                                                                                                                                                                                         |                  |                 |             | Meter ID# <u>154177</u>                          |                                                                                   |                                     |                                     |                                     | Matrix: <u>Fresh</u> / Marine / DI                                                                                                                                                                                                                                                                                          |  |                                        |  |  |                      |  |  |  |  |
| Photos: Yes / <u>No</u>                                                 |             |                                                                                                                                                                                                                         |                  |                 |             | Flow: <u>No Flow</u> / Intertidal / 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 (umhos/cm)                  | Temp. (C°)                          |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |
| EST                                                                     | <u>1150</u> | <u>0.6</u>                                                                                                                                                                                                              | <u>0.3</u>       | <u>0.2</u>      | <u>5.96</u> | <u>58.4</u>                                      | <u>6.10</u>                                                                       | <u>0.07</u>                         | <u>140.3</u>                        | <u>23.5</u>                         |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |
| CEN                                                                     |             |                                                                                                                                                                                                                         |                  |                 |             |                                                  |                                                                                   |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |
| 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>07/22/20</u>                                                                                                                                                                                                                                                                                                             |  | <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 um 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-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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                         |                  |                 |             |                                                  | <input checked="" 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"/> W-E8321-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"/> Ice                                                      |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |
| Notes:                                                                  |             |                                                                                                                                                                                                                         |                  |                 |             |                                                  |                                                                                   |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |
| Field/WIN ID → <u>G3TLHR0040</u>                                        |             |                                                                                                                                                                                                                         |                  |                 |             |                                                  |                                                                                   |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |
| Location ↓ <u>PARKER CREEK @ PARK</u>                                   |             |                                                                                                                                                                                                                         |                  |                 |             |                                                  |                                                                                   |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |
| Signature: <u>[Signature]</u> Date: <u>10/30/2019</u>                   |             |                                                                                                                                                                                                                         |                  |                 |             |                                                  |                                                                                   |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                                             |  |                                        |  |  |                      |  |  |  |  |

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 26 10/31/19 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data in WIN: (Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: Bayou George Bayou George Creek @ US231Date: 10/30/2019  
(mm/dd/yyyy)WIN/ Field ID: G3TLHR0030WBID: 1056Latitude: 30.2571  
(Decimal Degrees)County: BayORG ID: 21FLTLHR Longitude: 85.5444  
(Decimal Degrees)Receiving Body of Water: Deer Point Lake ReservoirRQ: 2019-09-30-08

## Sampling Team Members

Ben Harden  
Jon WoodsWQ Measurements  
Sample Collection  
Documentation  
Preservation  
Preservation Check

## Sampling Equipment

☐ Sample Container ☒ Van Dorn ☐ Pole  
☐ Carboy ☐ Syringe  
☐ Dipper ☐ Other  
Depth Measured with ProDSS 154177  
Equipment ID #1

## Collection Method

☐ Wading ☐ Canoe/Kayak  
☐ From Shore ☐ Electric Motor  
☒ Other Bridge ☐ Gasoline MotorWater Level: Dry/ Pooled/ Low / Normal / High / FloodedMeter ID# 154177

Matrix: Fresh / Marine / DI

Photos: Yes ☒ NoFlow: No Flow / Intertidal / 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       | 1220 | 2.8             | 0.3              | 0.2             | 6.26      | 72.0      | 6.15 | 0.08           | 65.5               | 22.3       |
| CEN       | 1223 |                 | 2.3              |                 | 6.18      | 70.9      | 6.04 | 0.03           | 65.0               | 22.2       |

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>SA9203/00</u> | <u>07/22/10</u> | <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-CHIC / 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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                         | <input checked="" 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"/> W-E8321-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"/> Ice                                                      |                  |                 |                                        |

Notes:

Equipment Blank  
1230G3TLHR0030

Place Label Here

Signature: [Signature]Date: 10/30/2019

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

10/30/19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

**Florida Department of Environmental Protection**  
**Central Laboratory Submittal Form**

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: Woods/Harden

Project ID: SMP

Collected By: Woods/HardenSampling Agency: 8834

|                |  |                     |  |                                       |  |                          |  |                 |  |
|----------------|--|---------------------|--|---------------------------------------|--|--------------------------|--|-----------------|--|
| Field/WIN ID → |  |                     |  | Collection (comp begin or grab)       |  | Composite end            |  | Bottle Group(s) |  |
| Location ↓     |  | G3TLHR0027          |  | Date 10/30/2019 Time 1115             |  | Date                     |  | (See pg 2)      |  |
| Latitude       |  | SANDY BRANCH @ SR22 |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine |  | A               |  |
|                |  | dd dms              |  | Fresh                                 |  | mg/L % sat               |  |                 |  |
|                |  | Temp (C)            |  | pH                                    |  | ft Sp. Conductance       |  |                 |  |
|                |  | 22.5                |  | 3.70                                  |  | (umho/cm)                |  | 77.2            |  |
|                |  | Salinity (ppt)      |  | Comments                              |  | ft                       |  |                 |  |
|                |  | 0.07                |  |                                       |  | m                        |  |                 |  |
| Field/WIN ID → |  |                     |  | Collection (comp begin or grab)       |  | Composite end            |  | Bottle Group(s) |  |
| Location ↓     |  | G3TLHR0040          |  | Date 10/30/2019 Time 1150             |  | Date                     |  | (See pg 2)      |  |
| Latitude       |  | PARKER CREEK @ PARK |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine |  | B               |  |
|                |  | dd dms              |  | Fresh                                 |  | mg/L % sat               |  |                 |  |
|                |  | Temp (C)            |  | pH                                    |  | ft Sp. Conductance       |  |                 |  |
|                |  | 23.5                |  | 6.10                                  |  | (umho/cm)                |  | 140.3           |  |
|                |  | Salinity (ppt)      |  | Comments                              |  | ft                       |  |                 |  |
|                |  | 0.07                |  |                                       |  | m                        |  |                 |  |
| Location       |  | Bryson George       |  | Collection (comp begin or grab)       |  | Composite end            |  | Bottle Group(s) |  |
| Field ID       |  | G3TLHR0030          |  | Date 10/30/2019 Time 1220             |  | Date                     |  | (See pg 2)      |  |
| WIN/STORET #   |  | G3TLHR0030          |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine |  | B               |  |
| Latitude       |  | dd dms              |  | Fresh                                 |  | mg/L % sat               |  |                 |  |
|                |  | Longitude           |  | pH                                    |  | ft Sp. Conductance       |  |                 |  |
|                |  | dd dms              |  | 6.15                                  |  | (umho/cm)                |  | 65.5            |  |
|                |  | 0.03                |  | Comments                              |  | ft                       |  |                 |  |
|                |  |                     |  |                                       |  | m                        |  |                 |  |
| Location       |  | Equipment Blank     |  | Collection (comp begin or grab)       |  | Composite end            |  | Bottle Group(s) |  |
| Field ID       |  | G3TLHR0030          |  | Date 10/30/2019 Time 1230             |  | Date                     |  | (See pg 2)      |  |
| WIN/STORET #   |  | G3TLHR0030          |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine |  | C               |  |
| Latitude       |  | dd dms              |  | Blank                                 |  | mg/L % sat               |  |                 |  |
|                |  | Longitude           |  | pH                                    |  | ft Sp. Conductance       |  |                 |  |
|                |  | dd dms              |  | —                                     |  | (umho/cm)                |  |                 |  |
|                |  |                     |  | Comments                              |  | ft                       |  |                 |  |
|                |  |                     |  |                                       |  | m                        |  |                 |  |

|                                      |                              |                                        |                                      |                        |                                    |
|--------------------------------------|------------------------------|----------------------------------------|--------------------------------------|------------------------|------------------------------------|
| Relinquished By: <u>Woods/Harden</u> | Date/Time: <u>10/30/2019</u> | Shipping Method: <u>Hand Delivered</u> | Number of Coolers Shipped: <u>KK</u> | Received By: <u>KK</u> | Date/Time: <u>10:30 / 10:30-19</u> |
|--------------------------------------|------------------------------|----------------------------------------|--------------------------------------|------------------------|------------------------------------|

|          |              |                |                 |                             |                                     |
|----------|--------------|----------------|-----------------|-----------------------------|-------------------------------------|
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab |
|          | W-NH3        |                |                 |                             |                                     |
|          | W-NO2NO3     |                |                 |                             |                                     |
|          | W-S-A-TP     |                |                 |                             |                                     |
|          | W-TKN        |                |                 |                             |                                     |
|          | W-TOC        |                |                 |                             |                                     |
| Group: B | Bottle Type: | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab |
|          | W-PO4-F      |                |                 |                             |                                     |
| Group: C | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab |
|          | ALKALINITY   |                |                 |                             |                                     |
|          | TURBIDITY    |                |                 |                             |                                     |
|          | W-CL-IC      |                |                 |                             |                                     |
|          | W-COLOR      |                |                 |                             |                                     |
|          | W-F          |                |                 |                             |                                     |
|          | W-SO4-IC     |                |                 |                             |                                     |
|          | W-TDS        |                |                 |                             |                                     |
|          | W-TSS        |                |                 |                             |                                     |
| Group: C | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab |
|          | ECOLI-18QT   |                |                 |                             |                                     |
| Group: C | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab |
|          | W-NH3        |                |                 |                             |                                     |
|          | W-NO2NO3     |                |                 |                             |                                     |
|          | W-S-A-TP     |                |                 |                             |                                     |
|          | W-TKN        |                |                 |                             |                                     |
|          | W-TOC        |                |                 |                             |                                     |
| Group: C | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab |
|          | W-PO4-F      |                |                 |                             |                                     |