

# 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: 2019-08-19-21

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 07/19

| 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 | 08/15/19 | 0809       | 21.1    | 755.4           | 8.8             | 8.85            | 99.4  |              | 0.9919     | P / F       | L / F       |
| ICV                | "          | "        | 0827       | 20.1    | 755.4           | 9.0             | 9.07            | 100.0 |              |            | P / F       | L / F       |
| CCV                | "          | "        | 1443       | 26.5    | 754.2           | 8.0             | 8.07            | 100.4 |              |            | 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 | 08/15/19 | 0811       | 1906BF  | 06/20       | 1000                   | 100                         | P / F       | L / F       |
| ICV                 | "          | "        | 0813       | 2905F63 | 05/21       | 100.0                  | 100.7                       | P / F       | L / F       |
| CCV                 | "          | "        | 1444       | 1906BF  | 06/20       | 1000                   | 1004                        | P / F       | L / F       |
| CCV                 |            |          |            |         |             |                        |                             | 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 | 08/15/19 | 0819       | 180621E | 01/20       | 7.02         | 19.5    | 7.02             | -18.7  | P / F       | L / F       |
| Calibr.            | "          | "        | 0822       | 190618A | 12/20       | 4.00         | 19.9    | 4.00             | 156.4  | P / F       | L / F       |
| Calibr.            | "          | "        | 0825       | 180621E | 01/20       | 10.06        | 20.3    | 10.06            | -185.7 | P / F       | L / F       |
| ICV                | "          | "        | 0826       | "       | "           | 10.06        | 20.2    | 10.06            | -185.6 | P / F       | L / F       |
| CCV                | "          | "        | 1447       | 190618A | 12/20       | 4.00         | 21.0    | 4.13             | 152.3  | 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 10 167.0, slope from 4 to 7 175.1 (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: 07/19

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 | 08/15/19 | 0800       | 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

No-cab

WIN Station Name: Chipola River

Date: 06/15/2019

WIN ID/ Field ID: G2TLHR011

WBID: 51D

Latitude: 30.50575

County: Calhoun

ORG ID: 21FLTLHR

Longitude: 85.15726

Receiving Body of Water: Dead Lakes

RQ - 2019-06-19-21

| Sampling Team Members                                        |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection | Sampling Equipment                                   |                                                                 |
|--------------------------------------------------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|------------------------------------------------------|-----------------------------------------------------------------|
| Ben Harden                                                   |  |                 |                   |               |              |                    |                      |                  | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn <input type="checkbox"/> Pole |
| Chris Green                                                  |  |                 |                   |               |              |                    |                      |                  | <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 type="checkbox"/> Canoe/Kayak                            |
|                                                              |  |                 |                   |               |              |                    |                      |                  | <input checked="" 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>154177</u>                              |                                                                 |
| Matrix: <u>Fresh</u> / Marine / DI                           |  |                 |                   |               |              |                    |                      |                  |                                                      |                                                                 |
| Photos: <u>Yes</u> / No                                      |  |                 |                   |               |              |                    |                      |                  | Flow: No Flow / Intestinal / <u>Flowing</u> / NA     |                                                                 |
| Tide: Rising/ Falling/ Slack/ NA                             |  |                 |                   |               |              |                    |                      |                  | Tide Times: High Low                                 |                                                                 |

Field Sample

(Bracket Sample Time)

| 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       | 1100 | 1.0             | 0.3              | 1.0             | 45.1      | 6.69      | 7.37 | 0.12           | 251.1              | 27.6       |
| CEN       |      |                 |                  | (S)             |           |           |      |                |                    |            |

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 | SA901030 | 04/10/20   | <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"/> 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-SQ4-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-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-P5NP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <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                                                      |          |            |                                        |

## QA/QC Sample Information

## Duplicate

| Time Zone: EST CEN          |                                                                                                                                                                                                                          | Time: _____                                                                          |      | Field ID: _____ |                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|-----------------|------------------------------|
| (WIN ID_DUP)                |                                                                                                                                                                                                                          |                                                                                      |      |                 |                              |
| WIN DMT Activity ID: _____  |                                                                                                                                                                                                                          |                                                                                      |      |                 |                              |
| Parameter Suite             | Parameter Methods                                                                                                                                                                                                        | Preservation                                                                         | Lot# | Expiration      | pH Check                     |
| Preserved Nutrients         | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                     | <input type="checkbox"/> Ice <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> |      |                 | <input type="checkbox"/> < 2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                          | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>               |      |                 | <input type="checkbox"/> < 2 |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                  | <input type="checkbox"/> Ice                                                         |      |                 |                              |
| Chlorophyll                 | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                      | <input type="checkbox"/> Ice                                                         |      |                 |                              |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                     | <input type="checkbox"/> Ice                                                         |      |                 |                              |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                  | <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-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                  | <input type="checkbox"/> Ice                                                         |      |                 |                              |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E-3821-MS <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                         |      |                 |                              |

## Blank

| Time Zone: <u>EST</u> CEN                       |                                                                                                                                                                                                                         | Time: <u>0900</u>                                                                                          |                         | Field ID: <u>FP 08152019</u>                           |                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------|-----------------------------------------|
| DI Source: <u>Calibration Room DI</u>           |                                                                                                                                                                                                                         | Location: <u>C Building - Calibration Room</u>                                                             |                         |                                                        |                                         |
| <input checked="" type="checkbox"/> Field Blank |                                                                                                                                                                                                                         | <input type="checkbox"/> Equipment Blank                                                                   |                         | <input type="checkbox"/> Field Cleaned Equipment Blank |                                         |
|                                                 |                                                                                                                                                                                                                         |                                                                                                            |                         | Equipment ID: _____                                    |                                         |
| WIN DMT Blank Batch ID: _____                   |                                                                                                                                                                                                                         |                                                                                                            |                         |                                                        |                                         |
| 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"/> H <sub>2</sub> SO <sub>4</sub> | <u>SA901080</u>         | <u>04/10/20</u>                                        | <input checked="" type="checkbox"/> < 2 |
| Metals                                          | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>                                     |                         |                                                        | <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                                                                    |                         |                                                        |                                         |
| Physical/Aggregate (Fresh)                      | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                         | <input checked="" type="checkbox"/> Ice                                                                    |                         |                                                        |                                         |
| Physical/Aggregate (Marine)                     | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                           | <input type="checkbox"/> Ice                                                                               |                         |                                                        |                                         |
| Tracers                                         | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                                               |                         |                                                        |                                         |
| Pesticides                                      | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Other                                                                             |                         |                                                        |                                         |
| Microbiology                                    | <input checked="" type="checkbox"/> E.coli <input type="checkbox"/> F. Coliform <input type="checkbox"/> Enterococci                                                                                                    |                                                                                                            |                         |                                                        |                                         |
| Notes:                                          |                                                                                                                                                                                                                         |                                                                                                            | Place Label Here        |                                                        |                                         |
| Signature: <u>[Signature]</u>                   |                                                                                                                                                                                                                         |                                                                                                            | Date: <u>08/15/2019</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 CL 8-16-19 (Initials/Date) Migrate Data to WIN: \_\_\_\_\_ (Initials/Date) Verify Data In WIN: \_\_\_\_\_ (Initials/Date)





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Tenmile Creek @ CR274

Date: 08/15/2019  
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0001

WBID: 569

Latitude: 30.5331

County: Calhoun

ORG ID: 21FLTLHR

Longitude: 85.2275

Receiving Body of Water: Chipola River

RQ: 2019-08-19-21  
(Decimal Degrees)

| Sampling Team Members                                                        |      |                                                                                                                                                                                                                     |                  |                 |           | WQ Measurements                                                                   | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  | Sampling Equipment                                                                                                                                                                                                                                                                                            |                                        |  |  |  |  |  |                      |  |  |  |  |  |
|------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|--|--|--|--|----------------------|--|--|--|--|--|
| Ben Hardin<br>Chris Green                                                    |      |                                                                                                                                                                                                                     |                  |                 |           | <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 _____<br>Equipment ID _____ |                                        |  |  |  |  |  |                      |  |  |  |  |  |
|                                                                              |      |                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                     |                                     |                                     |                                     | Collection Method<br><input type="checkbox"/> Wading <input type="checkbox"/> Canoe/Kayak<br><input checked="" type="checkbox"/> From Shore <input type="checkbox"/> Electric Motor<br><input type="checkbox"/> Other <input type="checkbox"/> Gasoline Motor                                                 |                                        |  |  |  |  |  |                      |  |  |  |  |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |      |                                                                                                                                                                                                                     |                  |                 |           | Meter ID# 154177                                                                  |                                     |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                               | Matrix: <u>Fresh</u> / Marine / DI     |  |  |  |  |  |                      |  |  |  |  |  |
| Photos: <u>Yes</u> / No                                                      |      |                                                                                                                                                                                                                     |                  |                 |           | Flow: No Flow / Intertidal / <u>Flowing</u> / 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                                                                          | 1140 | 1.1                                                                                                                                                                                                                 | 0.3              | 0.2             | 6.18      | 77.8                                                                              | 4.44                                | 0.01                                | 27.5                                | 27.2                                |                                                                                                                                                                                                                                                                                                               |                                        |  |  |  |  |  |                      |  |  |  |  |  |
| 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 |                                     | SA900030                            |                                     | 04/10/20                            |                                                                                                                                                                                                                                                                                                               | <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-CI-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-HF183 <input checked="" type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input checked="" type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD                     |                  |                 |           | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                               |                                        |  |  |  |  |  |                      |  |  |  |  |  |
| Tracers                                                                      |      | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                       |                  |                 |           | <input checked="" 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"/> 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"/> Ice                                                      |                                     |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                               |                                        |  |  |  |  |  |                      |  |  |  |  |  |
| Notes:                                                                       |      |                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                     |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                               | Place Label Here                       |  |  |  |  |  |                      |  |  |  |  |  |
| Signature: [Signature]                                                       |      |                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                     |                                     |                                     |                                     |                                                                                                                                                                                                                                                                                                               | Date: 08/15/2019                       |  |  |  |  |  |                      |  |  |  |  |  |

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 8-16-19 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Chipola River @ Magnolia Rd

Date: 08/15/2019  
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0016

WBID: 51E

Latitude: 30.7177819

(Decimal Degrees)

County: Jackson

ORG ID: 21FTLHR

Longitude: 85.1999727

(Decimal Degrees)

Receiving Body of Water: Dead Lakes

RQ: 2019-08-19-21

| Sampling Team Members                                                 |                                                                                                                 |                 |                  | WQ Measurements                                                                        | Sample Collection                                                                 | Documentation                       | Preservation                        | Preservation Check                     | Sampling Equipment                                   |                                   |                               |  |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------------------|-------------------------------|--|
| <u>Ben Harden</u><br><u>Chris Green</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 Equipment ID _____                                                 |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |
|                                                                       |                                                                                                                 |                 |                  | Collection Method                                                                      |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |
|                                                                       |                                                                                                                 |                 |                  | <input type="checkbox"/> Wading <input type="checkbox"/> Canoe/Kayak                   |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |
|                                                                       |                                                                                                                 |                 |                  | <input checked="" 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>res</u> / Marine / DI       |                                                      |                                   |                               |  |
| Photos: <u>Yes</u> / No                                               |                                                                                                                 |                 |                  | Flow: No Flow / Intestinal / <u>Flowing</u> / 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>1220</u>                                                                                                     | <u>1.0</u>      | <u>0.3</u>       | <u>1.0</u>                                                                             | <u>7.20</u>                                                                       | <u>91.8</u>                         | <u>7.47</u>                         | <u>0.13</u>                            | <u>266.4</u>                                         | <u>27.9</u>                       |                               |  |
| CEN                                                                   |                                                                                                                 |                 |                  | <u>(S)</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>901030</u>                       | <u>04/10/20</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-CI-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        |                 |                  |                                                                                        | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                        |                                                      |                                   |                               |  |
|                                                                       | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD            |                 |                  |                                                                                        |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |
| 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       |                 |                  |                                                                                        |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |
| Phytoplankton                                                         | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                             |                 |                  |                                                                                        | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                        |                                                      |                                   |                               |  |
| Notes:                                                                |                                                                                                                 |                 |                  | Place Label Here                                                                       |                                                                                   |                                     |                                     |                                        |                                                      |                                   |                               |  |
| Signature: <u>[Signature]</u>                                         |                                                                                                                 |                 |                  | Date: <u>08/15/2019</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

CB 8-16-19

(Initials/Date)

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

8/28/19







# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Apalachicola River @ Bristol Landing

Date: 06/15/2019  
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0043

WBID: 375G

Latitude: 30.44136

County: Liberty/Calhoun

ORG ID: 21FLTLHR

Longitude: 84.9864

Receiving Body of Water: Inter-Coastal/Gulf of Mexico

RQ- 2019-08-19-21

| Sampling Team Members     |  |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|---------------------------|--|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Ben Hardin<br>Chris Green |  |  |  |  |  |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                   |                               |
|------------------------------------------------------|-----------------------------------|-------------------------------|
| <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 type="checkbox"/> Canoe/Kayak    |  |
| <input checked="" type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor |  |
| <input type="checkbox"/> Other                 | <input type="checkbox"/> Gasoline Motor |  |

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# 154177

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: 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 (umhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| CEN       | 1320 | 1.2             | 0.3              | 1.2 (S)         | 5.26      | 70.7      | 7.00 | 0.06           | 132.1              | 30.7       |

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 | SA 9010030 | 04/10/20   | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                                                                                                  | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  | NA 9099050 | 04/09/20   | <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"/> 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 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                                                                                                                                                    | <input type="checkbox"/> Ice                                                      |            |            |                                        |

Notes:

Place Label Here

Signature: \_\_\_\_\_ Date: 06/15/2019

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 CL 8-16-19 (Initials/Date) Migrate Data to WIN: \_\_\_\_\_ (Initials/Date) Verify Data In WIN: \_\_\_\_\_ (Initials/Date)

8-28-19



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

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: Green/Harden

Project ID: SMP

Collected By: Green/HardenSampling Agency: 8054

|                               |                                                                                                                                                                                             |  |                                                                          |  |                                                                                     |  |                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-------------------------------|
| Field/WIN ID →                | <br>G2TLHR0011                                                                                           |  | Collection (comp begin or grab)<br>Date <u>08/15/19</u> Time <u>1100</u> |  | Composite end<br>Date<br>Time                                                       |  | Bottle Group(s)<br>(See pg 2) |
| Location →                    | <br>CHIPOLAR RIVER<br>LJVV Longitude<br><input type="checkbox"/> dd <input type="checkbox"/> dms         |  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                    |  | Diss. Oxygen<br><u>85.1</u>                                                         |  | A                             |
| Latitude                      | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                                                                    |  | Temp (C) <u>27.6</u>                                                     |  | Total Res. Chlorine (mg/L)<br><input type="checkbox"/> % sat                        |  |                               |
|                               |                                                                                                                                                                                             |  | pH <u>7.37</u>                                                           |  | Sp. Conductance (umho/cm) <u>251.1</u>                                              |  |                               |
| Location                      |                                                                                                                                                                                             |  | Salinity (ppt) <u>0.12</u>                                               |  | Comments                                                                            |  |                               |
| Field ID<br><u>FP-8152019</u> |                                                                                                                                                                                             |  | Collection (comp begin or grab)<br>Date <u>08/15/19</u> Time <u>0900</u> |  | Composite end<br>Date<br>Time                                                       |  | Bottle Group(s)               |
| WIN/STORET #                  |                                                                                                                                                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                    |  | Diss. Oxygen<br><u>—</u>                                                            |  | B                             |
| Latitude                      | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                                                                    |  | Temp (C) <u>—</u>                                                        |  | Total Res. Chlorine (mg/L)<br><input type="checkbox"/> % sat                        |  |                               |
|                               |                                                                                                                                                                                             |  | pH <u>—</u>                                                              |  | Sp. Conductance (umho/cm) <u>—</u>                                                  |  |                               |
| Location                      |                                                                                                                                                                                             |  | Salinity (ppt) <u>Blank</u>                                              |  | Comments                                                                            |  |                               |
| Field/WIN ID →                | <br>G2TLHR0001                                                                                           |  | Collection (comp begin or grab)<br>Date <u>08/15/19</u> Time <u>1140</u> |  | Composite end<br>Date<br>Time                                                       |  | Bottle Group(s)               |
| Location →                    | <br>TENMILE CREEK @ CR274<br>LJVV Longitude<br><input type="checkbox"/> dd <input type="checkbox"/> dms |  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                    |  | Diss. Oxygen<br><u>6.16</u>                                                         |  | B                             |
| Latitude                      | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                                                                    |  | Temp (C) <u>27.2</u>                                                     |  | Total Res. Chlorine (mg/L)<br><input type="checkbox"/> % sat                        |  |                               |
|                               |                                                                                                                                                                                             |  | pH <u>4.44</u>                                                           |  | Sp. Conductance (umho/cm) <u>27.5</u>                                               |  |                               |
| Location                      |                                                                                                                                                                                             |  | Salinity (ppt) <u>0.01</u>                                               |  | Comments                                                                            |  |                               |
| Field ID                      |                                                                                                                                                                                             |  | Collection (comp begin or grab)<br>Date<br>Time                          |  | Composite end<br>Date<br>Time                                                       |  | Bottle Group(s)               |
| WIN/STORET #                  |                                                                                                                                                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                    |  | Diss. Oxygen                                                                        |  |                               |
| Latitude                      | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                                                                    |  | Temp (C)                                                                 |  | Total Res. Chlorine (mg/L)<br><input type="checkbox"/> % sat                        |  |                               |
|                               |                                                                                                                                                                                             |  | pH                                                                       |  | Sp. Conductance (umho/cm)<br><input type="checkbox"/> ft <input type="checkbox"/> m |  |                               |
| Location                      |                                                                                                                                                                                             |  | Salinity (ppt)                                                           |  | Comments                                                                            |  |                               |

Number of Coolers Shipped:

Shipping Method

Date/Time

Relinquished By:

Hand Delivered

08/15/19 1435

Green/Harden

Received By:

Hand Delivered

08-15-19 1435

Green/Harden

|          |              |                |                 |               |               |                                     |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 4 | 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: A | Bottle Type: | BP-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | CHLSUITE-W   |                |                 |               |               |                                     |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | ECOLI-18QT   |                |                 |               |               |                                     |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |
|          | W-NH3        |                |                 |               |               |                                     |
|          | W-NO2NO3     |                |                 |               |               |                                     |
|          | W-S-A-TP     |                |                 |               |               |                                     |
|          | W-TKN        |                |                 |               |               |                                     |
|          | W-TOC        |                |                 |               |               |                                     |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 4 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |
|          | W-PO4-F      |                |                 |               |               |                                     |
| Group: B | 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: B | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | CHLSUITE-W   |                |                 |               |               |                                     |
| Group: B | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |

**Customer: TLH-ROC**

**Project ID: SMP**

**Requester:** Michael Eckles

Collected By: Green/Hardin

Field Report Prepared By:

**Sampling Agency:**

[illegible]

Relinquished By:

Date/Time 02/05/19 1435

Shipping Method

Shipping Method  
Hand Delivered

Number of Coolers Shipped:

Received By:

Date/Time

|           |       |
|-----------|-------|
| Date/Time | 15-19 |
|-----------|-------|



|          |              |                |                 |               |               |                                     |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 4 | 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: A | Bottle Type: | BP-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | CHLSUITE-W   |                |                 |               |               |                                     |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | ECOL-18QT    |                |                 |               |               |                                     |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |
|          | W-NH3        |                |                 |               |               |                                     |
|          | W-NO2NO3     |                |                 |               |               |                                     |
|          | W-S-A-TP     |                |                 |               |               |                                     |
|          | W-TKN        |                |                 |               |               |                                     |
|          | W-TOC        |                |                 |               |               |                                     |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 4 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |
|          | W-PO4-F      |                |                 |               |               |                                     |
| Group: B | 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: B | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | CHLSUITE-W   |                |                 |               |               |                                     |
| Group: B | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |