



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

October 2017

Qualified Data

Yes

Location/STORET Station Name: Big Creek @ CR2224

Date: 1/9/18  
(mm/dd/yyyy)

STORET # G1TLHR0057

WBID: 913

Latitude:

(Decimal Degrees)

County: Liberty

RQ - 2018-01-04 21

ORG ID: 21FLTLHR

Longitude:

(Decimal Degrees)

Receiving Body of Water: Telogia Creek

Field ID: G1TLHR0057

Sampling Team Members

Don Woods  
Jessie Tolbert

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole  
☐ Carboy ☒ Syringe  
☐ Dipper ☐ Other

Equipment ID

Collection Method

☒ Wading ☐ Canoe/Kayak  
☐ From Shore ☐ Electric Motor  
☐ Other ☐ Gasoline Motor

Water Level: Dry / Low / Normal / Above Normal / Flooded

Meter ID# 118157

Matrix: Fresh Marine / DI

Photos: Yes No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising / Falling / Slack / NA

Tide Times: High Low

| Time Zone | Time | Sample Depth (m) | Total Depth (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Secchi Disk (m) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|------|------------------|-----------------|-----------|-----------|------|----------------|-----------------|--------------------|------------|
| EST       | 1400 | 0.3              | 1.0             | 9.47      | 93.6      | 6.10 | 0.01           | 1.0             | 24                 | 13.09      |
| 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 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> W-S-A-TP                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | 7275010 | 10/2/16    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |         |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |         |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                           |         |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-Cl-IC / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" type="checkbox"/> W-TDS | <input checked="" type="checkbox"/> Ice                                           |         |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY                                                                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                      |         |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Formalin                                                 |         |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                      |         |            |                                        |
| Microbiology                | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                           |         |            |                                        |
| Molecular                   | <input checked="" type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                                                                                     | <input checked="" type="checkbox"/> Ice                                           |         |            |                                        |
| Tracers                     | <input checked="" type="checkbox"/> W-SUC-AA-R <input checked="" type="checkbox"/> W-UHERB-AA <input checked="" type="checkbox"/> W-AHERB-AA                                                                                                                                                                                                                                | <input checked="" type="checkbox"/> Ice                                           |         |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R                                                                                                                  | <input type="checkbox"/> Ice<br><input type="checkbox"/> Other                    |         |            |                                        |

Place Preservative Sticker(s) Here  
(If Available)

Notes: Secchi VOB

G1TLHR0057

WBID 913

Field ID ↑ STORET ↓

Big Creek @  
CR 2224

G1TLHR0057

Signature: [Signature]

Date: 1/9/18

Field Parameters Entered into LIMS: [Signature] 1-31-18  
(Initials/Date)

Field Parameters QC in LIMS: [Signature] 1/31/18  
(Initials/Date)

Date Migrated to STORET: [Signature]  
(Initials/Date)

Field Sheets Scanned/Saved: [Signature]  
(Initials/Date)

Florida Department of Environmental Protection  
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Woods

Project ID: SMP

Collected By: Woods/Telbert

Sampling Agency: 60324

|              |                          |            |           |                                       |                |               |                           |                 |  |
|--------------|--------------------------|------------|-----------|---------------------------------------|----------------|---------------|---------------------------|-----------------|--|
| Location     |                          | G1TLHR0053 |           | Collection (comp begin or grab)       |                | Composite end |                           | Bottle Group(s) |  |
| Field ID     | WBID 811                 | Field ID   | STORET    | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen   | mg/L          | Total Res. Chlorine       | (See pg 2)      |  |
| WIN/STORET   | Ocklawaha Creek @ SR 267 | G1TLHR0053 |           | Temp (C)                              | pH             | 5.59          | Sample Depth              | 0.2             |  |
| Latitude     |                          | dd dms     | Longitude | dd dms                                | Salinity (ppt) | 0.01          | Sp. Conductance (umho/cm) | 17              |  |
| Location     |                          | G1TLHR0057 |           | Collection (comp begin or grab)       |                | Composite end |                           | Bottle Group(s) |  |
| Field ID     | WBID 913                 | Field ID   | STORET    | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen   | mg/L          | Total Res. Chlorine       | (See pg 2)      |  |
| WIN/STORET   | Big Creek @ CR 2224      | G1TLHR0057 |           | Temp (C)                              | pH             | 6.10          | Sample Depth              | 0.3             |  |
| Latitude     |                          | dd dms     | Longitude | dd dms                                | Salinity (ppt) | 0.01          | Sp. Conductance (umho/cm) | 24              |  |
| Location     |                          |            |           | Collection (comp begin or grab)       |                | Composite end |                           | Bottle Group(s) |  |
| Field ID     |                          |            |           | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen   | mg/L          | Total Res. Chlorine       | (See pg 2)      |  |
| WIN/STORET # |                          |            |           | Temp (C)                              | pH             |               | Sample Depth              |                 |  |
| Latitude     |                          | dd dms     | Longitude | dd dms                                | Salinity (ppt) |               | Sp. Conductance (umho/cm) |                 |  |
| Location     |                          |            |           | Collection (comp begin or grab)       |                | Composite end |                           | Bottle Group(s) |  |
| Field ID     |                          |            |           | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen   | mg/L          | Total Res. Chlorine       | (See pg 2)      |  |
| WIN/STORET # |                          |            |           | Temp (C)                              | pH             |               | Sample Depth              |                 |  |
| Latitude     |                          | dd dms     | Longitude | dd dms                                | Salinity (ppt) |               | Sp. Conductance (umho/cm) |                 |  |

|                        |                        |                     |                              |                          |                         |
|------------------------|------------------------|---------------------|------------------------------|--------------------------|-------------------------|
| Relinquished By: Woods | Date/Time: 1/9/18 1512 | Shipping Method: HD | Number of Coolers Shipped: 1 | Received By: [Signature] | Date/Time: 1-9-18 15:12 |
|------------------------|------------------------|---------------------|------------------------------|--------------------------|-------------------------|

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

Boldly "X" this box if there is qualified data on this name.

Meter ID:

116157

RQ:

Project:

GI SMP 1601

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

10/17

| DO<br>DEP SOP<br>FT 1500 | Name      | Date   | Time<br>CT-ET | Temp | D.O.<br>Chart<br>mg/L | Meter<br>D.O.<br>mg/L | % DO | Probe<br>Charge | Probe<br>Gain | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-----------|--------|---------------|------|-----------------------|-----------------------|------|-----------------|---------------|----------------|----------------|
| Calibr.                  | Jon Woods | 1/9/18 | 811           | 14.6 |                       | 10.13                 | 100  | —               | 1.01          | P/F            | L/F            |
| ICV                      | "         | "      | 826           | 19.3 | 9.220                 | 9.25                  | 100  | —               | —             | P/F            | L/F            |
| CCV                      | "         | "      | 1405          | 19.8 | 9.129                 | 9.29                  | 101  | —               | —             | P/F            | L/F            |
| CCV                      |           |        |               |      |                       |                       |      |                 |               | P/F            | L/F            |

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

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

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

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

| Spec.<br>Cond.<br>FT 1200 | Name      | Date   | Time<br>CT-ET | Lot #   | Expir.<br>Date | Standard<br>$\mu$ hos/cm | Meter<br>Reading<br>$\mu$ hos/cm | Pass<br>/ Fail | Lab<br>/ Field |
|---------------------------|-----------|--------|---------------|---------|----------------|--------------------------|----------------------------------|----------------|----------------|
| Calibr.                   | Jon Woods | 1/9/18 | 816           | 171121D | 12/18          | 1000                     | 1000                             | P/F            | L/F            |
| ICV                       | "         | "      | 825           | 2710761 | 9/19           | 100                      | 99                               | P/F            | L/F            |
| CCV                       | "         | "      | 1406          | 171031B | 11/18          | 1000                     | 990                              | P/F            | L/F            |
| CCV                       | "         | "      | 1406          | 2710761 | 9/19           | 100                      | 100                              | P/F            | L/F            |

Conductivity Acceptance criteria  $\pm 5\%$

| pH<br>DEP SOP<br>FT 1100 | Name      | Date   | Time<br>CT-ET | Lot #   | Expir.<br>Date | pH<br>Buffer<br>SU | Meter<br>reading<br>SU | mV    | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-----------|--------|---------------|---------|----------------|--------------------|------------------------|-------|----------------|----------------|
| Calibr.                  | Jon Woods | 1/9/18 | 819           | 171121A | 6/19           | 7.0                | 7.0                    | -50.6 | P/F            | L/F            |
| Calibr.                  | "         | "      | 820           | 171121C | 12/18          | 4.0                | 4.0                    | 118   | P/F            | L/F            |
| Calibr.                  | "         | "      | 821           | 171121B | 6/19           | 10.0               | 10.0                   | -220  | P/F            | L/F            |
| ICV                      | "         | "      | 823           | "       | "              | 10.0               | 10.0                   | -223  | P/F            | L/F            |
| CCV                      | "         | "      | 1410          | 170926B | 10/18          | 4.0                | 4.1                    | 115   | P/F            | L/F            |
| CCV                      |           |        |               |         |                |                    |                        |       | P/F            | L/F            |

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

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

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

If mV are recorded: slope from 7 to 10  $169.4$ , slope from 4 to 7  $168.6$  (both must be between 165 and 180 mV)

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

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