



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

October 2017

Qualified Data

Yes

Location/STORET Station Name:

Steinhatchee 40m N of Yearling

Date:

01/02/2018

(mm/dd/yyyy)

STORET #

GTLHR0065

WBID:

3573B

Latitude:

(Decimal Degrees)

County:

Lafayette

RQ:

2018-01-01-24

ORG ID:

21FLTLHR

Longitude:

(Decimal Degrees)

Receiving Body of Water:

Gulf

Field ID:

GTLHR0065-2018

Sampling Team Members

J. Burtchett  
M. Eckles

WQ Measurements  
Sample Collection  
Documentation  
Preservation  
Preservation Check  
Duplicate Collection  
Blank Collection

✓  
✓  
✓  
✓  
✓  
✓  
✓

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#

Exo 3

Matrix: Fresh / Marine / DI

Photos: Yes ☒ No

Flow: No Flow / Intertidal / Flowing

Tide: Rising / Falling / Slack / NA

Tide Times: High Low

Field Sample

| 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       | 1330 | 0.125            | 0.25            | 10.91     | 87.5      | 7.51 | 0.16           | 0.25            | 335.1              | 57.8       |
| CEN       |      |                  |                 |           |           |      |                | 3               |                    |            |

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 | 5A7275010 | 10/2/18    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input checked="" 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 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 type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                                                                                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R                                                                                                                     | <input type="checkbox"/> Ice <input type="checkbox"/> Other                       |           |            |                                        |

# QA/QC Sample Information

**Duplicate**

| Time Zone: <u>EST</u> CEN                         |                                                                                                                                                                                                                                                            | Sample Depth (m): <u>0.2</u>                                                                    |                  | Field ID: <u>GITLHR0065-DUPE</u> |                                         |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------|----------------------------------|-----------------------------------------|
| Time: _____                                       |                                                                                                                                                                                                                                                            | Total Depth (m): <u>0.4</u>                                                                     |                  |                                  |                                         |
| 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 type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> | <u>SA7275010</u> | <u>11/2/18</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                                                         |                  |                                  |                                         |
| Chlorophyll                                       | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                                         |                  |                                  |                                         |
| Physical/Aggregate (Fresh)                        | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                            | <input checked="" type="checkbox"/> Ice                                                         |                  |                                  |                                         |
| Physical/Aggregate (Marine)                       | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                                                              | <input type="checkbox"/> Ice                                                                    |                  |                                  |                                         |
| 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-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                               | <input type="checkbox"/> Ice                                                                    |                  |                                  |                                         |
| Tracers                                           | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                                                                                                | <input type="checkbox"/> Ice                                                                    |                  |                                  |                                         |
| Pesticides                                        | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <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) |                                                                                                                                                                                                                                                            |                                                                                                 |                  |                                  |                                         |

**Blank**

| Time Zone: <u>EST</u> CEN                                                                                                            |                                                                                                                                                                                                                                                            | Time: _____                                                                          |      | Field ID: _____ |                              |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|-----------------|------------------------------|
| DI Source: _____                                                                                                                     |                                                                                                                                                                                                                                                            | Location: _____                                                                      |      |                 |                              |
| <input type="checkbox"/> Field Blank <input type="checkbox"/> Equipment Blank <input type="checkbox"/> Field Cleaned Equipment Blank |                                                                                                                                                                                                                                                            | Equipment 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-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                       | <input type="checkbox"/> Ice                                                         |      |                 |                              |
| Physical/Aggregate (Marine)                                                                                                          | <input type="checkbox"/> Alkalinity / 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-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                               | <input type="checkbox"/> Ice                                                         |      |                 |                              |
| Tracers                                                                                                                              | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                                                                                                | <input type="checkbox"/> Ice                                                         |      |                 |                              |
| Pesticides                                                                                                                           | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <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:                        |  | Place Label Here (If Available) |  |
| Signature: <u>[Signature]</u> |  | Date: <u>1/2/18</u>             |  |

|                                                                                |                                                                                  |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Field Parameters Entered into LIMS: <u>JB</u> <u>1/5/18</u><br>(Initials/Date) | Field Parameters QC in LIMS: <u>[Signature]</u> <u>1/5/18</u><br>(Initials/Date) |
| Date Migrated to STORET: <u>CL</u> <u>4-10-18</u><br>(Initials/Date)           | Field Sheets Scanned/Saved: <u>CL</u> <u>4-10-18</u><br>(Initials/Date)          |

# 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: Exo 3

Project: SMP 418

- Notes: (1) Numbers  $\leq 4$ , are rounded down; numbers  $\geq 5$  are rounded up (e.g., 5.15 becomes 5.2).  
 (2) Always wait for meter to stabilize before recording any readings.  
 (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 DEP SOP FT 1500 | Name         | Date   | Time CT-ET | Temp  | D.O. Chart mg/L | Meter D.O. mg/L | % DO | Probe Charge | Probe Gain | Pass / Fail | Lab / Field |
|--------------------|--------------|--------|------------|-------|-----------------|-----------------|------|--------------|------------|-------------|-------------|
| Calibr.            | J. Burtchett | 1/2/18 | 750        | 14.0  | 10.31           | 10.30           | 100  | -            | -          | P           | L           |
| ICV                | ↓            | ↓      | 800        | 15.3  | 10.02           | 10.00           | 100  | -            | -          | P           | L           |
| CCV                | ↓            | ↓      | 1409       | 12.67 | 10.6            | 10.58           | 100  | -            | -          | P           | F           |
| CCV                |              |        |            |       |                 |                 |      |              |            |             |             |

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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; 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 $\mu\text{mhos/cm}$ | Meter Reading $\mu\text{mhos/cm}$ | Pass / Fail | Lab / Field |
|---------------------|--------------|--------|------------|---------|-------------|------------------------------|-----------------------------------|-------------|-------------|
| Calibr.             | J. Burtchett | 1/2/18 | 752        | 171121D | 12/18       | 1000                         | 1000                              | P           | L           |
| ICV                 | ↓            | ↓      | 802        | 2710781 | 09/19       | 100                          | 100                               | P           | L           |
| CCV                 | ↓            | ↓      | 1411       | 170630A | 07/18       | 500                          | 501                               | P           | F           |
| CCV                 |              |        |            |         |             |                              |                                   |             |             |

Report specific conductance as a whole number with no decimal figure. Conductivity Acceptance criteria  $\pm 5\%$

| pH DEP SOP FT 1100 | Name         | Date   | Time CT-ET | Lot #   | Expir. Date | pH Buffer SU | Meter reading SU | mV     | Pass / Fail | Lab / Field |
|--------------------|--------------|--------|------------|---------|-------------|--------------|------------------|--------|-------------|-------------|
| Calibr.            | J. Burtchett | 1/2/18 | 754        | 171121A | 06/19       | 7.0          | 7.0              | -16.5  | P           | L           |
| Calibr.            | ↓            | ↓      | 756        | 171121C | 12/18       | 4.0          | 4.0              | 157.5  | P           | L           |
| Calibr.            | ↓            | ↓      | 758        | 171121B | 06/19       | 10.0         | 10.0             | -149.1 | P           | L           |
| ICV                | ↓            | ↓      | 804        | 171121B | 06/19       | 10.0         | 10.0             | -190.8 | P           | L           |
| CCV                | ↓            | ↓      | 15         | 171121C | 12/18       | 4.0          | 4.0              | 153.1  | P           | L           |
| CCV                |              |        |            |         |             |              |                  |        |             |             |

Report pH with one decimal place; pH Acceptance criteria  $\pm 0.2$  SU; mV pH7 Range  $0 \pm 50$ ;

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

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

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification \_\_\_\_\_

| Depth Sensor (Daily) | Name | Date | Time CT-ET | Zero the Sensor | ICV Value | Pass / Fail | Lab / Field |
|----------------------|------|------|------------|-----------------|-----------|-------------|-------------|
| Pressure mode in air |      |      |            | 0.000           |           |             |             |

ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05\text{m}$ , whichever is greater



Florida Department of Environmental Protection  
 Central Laboratory Submittal Form

Customer: TLH-ROC  
 Project ID: SMP

Requester: Chris Green  
 Collected By: Mike Echles, Jade Butcher

Field Report Prepared By: J. Butcher  
 Sampling Agency: 6034

|                                             |                                                             |                                                                           |                                                                 |                                                          |                                                                      |                                       |                               |
|---------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------|-------------------------------|
| Location<br>Steinhilkee Yom N of Yearling   |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                                 | Collection (comp begin or grab)<br>Date 1/2/18 Time 1330 | Eastern<br><input checked="" type="checkbox"/> Central               | Composite end<br>Date 1/2/18 Time -   | Bottle Group(s)<br>(See pg 2) |
| Field ID<br>GITLHRO065-2018                 | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh              | Diss. Oxygen<br>10.91                                                     | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>-                                 |                                                                      |                                       |                               |
| STORET #<br>GITLHRO065                      | Temp (C)<br>5.78                                            | pH<br>7.51                                                                | Sample Depth<br>0.125 m                                         |                                                          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm)<br>335.1 | A                             |
| Latitude                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms     | Salinity (ppt)<br>0.16                                   | Comments                                                             |                                       |                               |
| Location<br>Steinhilkee @ S. Canal rd       |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                                 | Collection (comp begin or grab)<br>Date 1/2/18 Time 1350 | Eastern<br><input checked="" type="checkbox"/> Central               | Composite end<br>Date 1/2/18 Time -   | Bottle Group(s)               |
| Field ID<br>GITLHRO064                      | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh              | Diss. Oxygen<br>10.84                                                     | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>-                                 |                                                                      |                                       |                               |
| STORET #<br>GITLHRO064-2018                 | Temp (C)<br>6.81                                            | pH<br>7.43                                                                | Sample Depth<br>0.2 m                                           |                                                          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm)<br>333   | A                             |
| Latitude                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms     | Salinity (ppt)<br>0.16                                   | Comments                                                             |                                       |                               |
| Location<br>Dupel Steinhilkee @ S. Canal rd |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                                 | Collection (comp begin or grab)<br>Date 1/2/18 Time 1353 | Eastern<br><input checked="" type="checkbox"/> Central               | Composite end<br>Date 1/2/18 Time -   | Bottle Group(s)               |
| Field ID<br>GITLHRO064-2018                 | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh              | Diss. Oxygen<br>16.21                                                     | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>-                                 |                                                                      |                                       |                               |
| STORET #<br>GITLHRO064-DUP                  | Temp (C)<br>6.9                                             | pH<br>7.43                                                                | Sample Depth<br>0.2 m                                           |                                                          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm)<br>333.6 | A                             |
| Latitude                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms     | Salinity (ppt)<br>0.16                                   | Comments                                                             |                                       |                               |
| Location<br>Bank Steinhilkee @ S. Canal rd  |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                                 | Collection (comp begin or grab)<br>Date 1/2/18 Time 1356 | Eastern<br><input checked="" type="checkbox"/> Central               | Composite end<br>Date 1/2/18 Time -   | Bottle Group(s)               |
| Field ID<br>GITLHRO064-2018                 | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh              | Diss. Oxygen<br>-                                                         | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>-                                 |                                                                      |                                       |                               |
| STORET #<br>GITLHRO064-BLANK                | Temp (C)<br>-                                               | pH<br>-                                                                   | Sample Depth<br>-                                               |                                                          | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm)<br>-     | A                             |
| Latitude                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms     | Salinity (ppt)<br>-                                      | Comments                                                             |                                       |                               |

|                           |                         |                      |                              |                          |                        |
|---------------------------|-------------------------|----------------------|------------------------------|--------------------------|------------------------|
| Relinquished By: JTB, MEG | Date/Time: 1/2/18, 1534 | Shipping Method: AID | Number of Coolers Shipped: 1 | Received By: [Signature] | Date/Time: 1/2/18 3:35 |
|---------------------------|-------------------------|----------------------|------------------------------|--------------------------|------------------------|

|          |              |                |                  |               |               |                                     |
|----------|--------------|----------------|------------------|---------------|---------------|-------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 20 | 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: 20 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | CHLSUITE-W   |                |                  |               |               |                                     |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 20 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | ECOLI-18QT   |                |                  |               |               |                                     |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 20 | 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: 20 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |
|          | W-PO4-F      |                |                  |               |               |                                     |
| Group: B | Bottle Type: | PJ-2L          | # of Bottles: 30 | Preservative: | Formalin      | Enter Number of Bottles Sent to Lab |
|          | MI-FW-QEDC   |                |                  |               |               |                                     |