



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

Unnamed Branch @ Flat Creek Rd

WIN Station Name:

Date: 4/16/2016  
(mm/dd/yyyy)

WIN ID/ Field ID G2TLHR0031

WBID: 477

Latitude: 30.628287

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.825169  
(Decimal Degrees)

Receiving Body of Water: Flat Creek

RQ - 2016-04-09-52  
(Decimal Degrees)

| Sampling Team Members                                                       |  | WQ Measurements                                                             | Sample Collection | Documentation                    | Preservation | Preservation Check               | Duplicate Collection | Blank Collection | Sampling Equipment                                   |                                             |                               |
|-----------------------------------------------------------------------------|--|-----------------------------------------------------------------------------|-------------------|----------------------------------|--------------|----------------------------------|----------------------|------------------|------------------------------------------------------|---------------------------------------------|-------------------------------|
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | Depth Measured with:                                 |                                             |                               |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | Equipment ID                                         |                                             |                               |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | Collection Method                                    |                                             |                               |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | <input checked="" type="checkbox"/> Wading           | <input type="checkbox"/> Canoe/Kayak        |                               |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor     |                               |
|                                                                             |  |                                                                             |                   |                                  |              |                                  |                      |                  | <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor     |                               |
| Water Level: Dry/ Pooled/ Low/ <u>Normal</u> / High/ Flooded                |  | Meter ID# EX03                                                              |                   |                                  |              | Matrix: <u>Fresh</u> Marine / DI |                      |                  |                                                      |                                             |                               |
| Photos: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |  | Flow: No Flow / Intertidal <input checked="" type="checkbox"/> Flowing / 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       | 940  | 0.2             | 0.1              | 0.2             | 85.0      | 86.5      | 7.77 | 0.06           | 130                | 14.50      |
| CEN       |      |                 |                  | S               | 86.5      | 85.0      |      |                |                    |            |

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 | 7875010 | 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 W-F / W-TSS / TURBIDITY / W-CHIC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |         |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-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-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-CARB-AA <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   |                                                                                                                                                                                                                                                                                                                                                                             | Time: <u>945</u>                                                                                           |                | Field ID: <u>G2TLHR0031_DUP</u> |                                        |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|----------------------------------------|
| (WIN ID + DUP)              |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                            |                |                                 |                                        |
| 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"/> H <sub>2</sub> SO <sub>4</sub> | <u>7275010</u> | <u>10/2/18</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 / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-CI-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                                                                               |                |                                 |                                        |
| 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-CARB-AA<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                                             |                |                                 |                                        |

## Blank

| Time Zone: <u>EST</u> CEN                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                             | Time: <u>950</u>                                                                                           |                | Field ID: <u>BLANK_04172018</u> |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|----------------------------------------|
| DI Source: <u>0112 / Casbox</u>                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                             | Location: <u>Unnamed Branch @ Flat Creek Rd</u>                                                            |                | (BLANK_DMMYYYY)                 |                                        |
| <input checked="" 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 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"/> H <sub>2</sub> SO <sub>4</sub> | <u>7275010</u> | <u>10/2/18</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 type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                                                                         | <input 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-CI-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                                                                               |                |                                 |                                        |
| 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 <input type="checkbox"/> W-CARB-AA<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"/> Other                                                                             |                |                                 |                                        |

## Notes:

Field/WIN ID →



G2TLHR0031

Location ↓

Unnamed Branch @ Flat Creek Rd

Signature: \_\_\_\_\_

Date: 4/16/2018

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 4/20/18

(Initials/Date)

QC Station ID, Field Parameters in LIMS DMT: \_\_\_\_\_

(Initials/Date)

Scan/Save Field Sheets \_\_\_\_\_

(Initials/Date)

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

(Initials/Date)

Verify Data in WIN: \_\_\_\_\_

(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: Exc 3

RQ:                     

Project: SMP 2018/

21ST1804

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                     

| 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. Burkett | 4/18/18 | 7:54       | 20.5 | 9.00            | 9.01            | 100  | -            | 1.06       | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| ICV                | ↓          | ↓       | 8:04       | 19.4 | 9.20            | 9.19            | 100  | -            | -          | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                | ↓          | ↓       | 16:02      | 26.4 | 8.06            | 8.04            | 100  | -            | -          | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> 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; 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.             | J. Burkett | 4/18/18 | 7:56       | 180116B | 01/19       | 1000                   | 1000                        | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| ICV                 | ↓          | ↓       | 8:06       | 2710781 | 09/19       | 100                    | 95                          | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                 | ↓          | ↓       | 16:04      | 180116B | 01/19       | 1000                   | 995                         | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                 |            |         | 16:08      | 2710781 | 09/19       | 100                    | 96                          | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |

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. Burkett | 4/18/18 | 7:58       | 17121A  | 06/19       | 7.0          | 7.0              | -37.7 | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| Calibr.            | ↓          | ↓       | 8:00       | 180116D | 01/19       | 4.0          | 4.0              | 140.2 | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| Calibr.            | ↓          | ↓       | 8:02       | 180221E | 09/19       | 10.0         | 10.0             | -20.4 | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| ICV                | ↓          | ↓       | 8:08       | 180221E | 09/19       | 10.0         | 10.0             | -20.3 | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                | ↓          | ↓       | 16:10      | 180116D | 01/19       | 4.0          | 4.1              | 135.4 | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> 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 10 164.2, slope from 4 to 7 177.9 (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 12/17

| 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                   |      |      |            |                                           |                  | 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:

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Woods

Project ID: SMP

Collected By: JW/SB

Sampling Agency: 8034

|           |                |  |                                       |              |               |                           |                 |
|-----------|----------------|--|---------------------------------------|--------------|---------------|---------------------------|-----------------|
| Location  | Field/WIN ID → |  | 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/STORE | ↓              |  | Temp (C)                              | pH           | ft            | Sp. Conductance (umho/cm) |                 |
| Latitude  | ↓              |  | Salinity (ppt)                        | Comments     | ft            | Sp. Conductance (umho/cm) |                 |
| Location  | Field ID →     |  | 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       |                 |
| WIN/STORE | ↓              |  | Temp (C)                              | pH           | ft            | Sp. Conductance (umho/cm) |                 |
| Latitude  | ↓              |  | Salinity (ppt)                        | Comments     | ft            | Sp. Conductance (umho/cm) |                 |
| Location  | Field ID →     |  | 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       |                 |
| WIN/STORE | ↓              |  | Temp (C)                              | pH           | ft            | Sp. Conductance (umho/cm) |                 |
| Latitude  | ↓              |  | Salinity (ppt)                        | Comments     | ft            | Sp. Conductance (umho/cm) |                 |
| Location  | Field/WIN ID → |  | 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       |                 |
| WIN/STORE | ↓              |  | Temp (C)                              | pH           | ft            | Sp. Conductance (umho/cm) |                 |
| Latitude  | ↓              |  | Salinity (ppt)                        | Comments     | ft            | Sp. Conductance (umho/cm) |                 |

|                     |                         |                     |                              |                   |                         |
|---------------------|-------------------------|---------------------|------------------------------|-------------------|-------------------------|
| Relinquished By: JW | Date/Time: 4/18/18 1453 | Shipping Method: HD | Number of Coolers Shipped: 1 | Received By: J.D. | Date/Time: 4/18/18 2:55 |
|---------------------|-------------------------|---------------------|------------------------------|-------------------|-------------------------|

|          |              |                |                  |               |               |                                     |   |
|----------|--------------|----------------|------------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 25 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 |
|          | ALKALINITY   |                |                  |               |               |                                     |   |
|          | TURBIDITY    |                |                  |               |               |                                     |   |
|          | W-CL-IC      |                |                  |               |               |                                     |   |
|          | W-COLOR      |                |                  |               |               |                                     |   |
|          | W-F          |                |                  |               |               |                                     |   |
|          | W-SO4-IC     |                |                  |               |               |                                     |   |
|          | W-TDS        |                |                  |               |               |                                     |   |
|          | W-TSS        |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 25 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | CHLSUITE-W   |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 25 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ECOLI-18QT   |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 25 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 4 |
|          | W-NH3        |                |                  |               |               |                                     |   |
|          | W-NO2NO3     |                |                  |               |               |                                     |   |
|          | W-S-A-TP     |                |                  |               |               |                                     |   |
|          | W-TKN        |                |                  |               |               |                                     |   |
|          | W-TOC        |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 25 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 4 |
|          | W-PO4-F      |                |                  |               |               |                                     |   |