

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

Boldly "X" this box if there are qualified data on this page.

Meter ID: YSI # 3

RQ- 2019-06-17-10

Project: BMAP 2

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

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

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

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/20/19

| DO<br>DEP SOP<br>FT 1500 | Name       | Date    | Time<br>CT-ET | Temp<br>°C | Baro-<br>meter<br>mmHg | 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.                  | J. Parnish | 6/20/19 | 738           | 23.5       | 760                    | 8.5                   | 8.5                   | 100  | —               | —             | P/F            | L/F            |
| ICV                      | J          | 6/20/19 | 739           | 23.6       | 760                    | 8.5                   | 8.48                  | 100  | —               | —             | P/F            | L/F            |
| CCV                      | J. Parnish | 6/20/19 | 1220          | 23.6       | 760                    | 8.5                   | 8.5                   | 100  | —               | —             | P/F            | L/F            |
| CCV                      |            |         |               |            |                        |                       |                       |      |                 |               | P/F            | L/F            |

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

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

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

| Spec.<br>Cond.<br>FT 1200 | Name       | Date    | Time<br>CT-ET | Lot #   | Explr.<br>Date | Standard<br>$\mu$ mhos/cm | Meter<br>Reading<br>$\mu$ mhos/cm | Pass<br>/ Fail | Lab<br>/ Field |
|---------------------------|------------|---------|---------------|---------|----------------|---------------------------|-----------------------------------|----------------|----------------|
| Calibr.                   | J. Parnish | 6/20/19 | 740           | 190430A | 5/20           | 1000                      | 1000                              | P/F            | L/F            |
| ICV                       | J          | 6/20/19 | 741           | 147430  | 12/19          | 147                       | 149                               | P/F            | L/F            |
| CCV                       | J. Parnish | 6/20/19 | 1223          | 042480  | 6/20           | 24820                     | 24807                             | P/F            | L/F            |
| CCV                       |            |         |               |         |                |                           |                                   | P/F            | L/F            |

Conductivity Acceptance criteria  $\pm 5\%$

| pH<br>DEP SOP<br>FT 1100 | Name       | Date    | Time<br>CT-ET | Lot #   | Explr.<br>Date | pH<br>Buffer<br>SU | Temp<br>°C | Meter<br>reading<br>SU | mV    | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|------------|---------|---------------|---------|----------------|--------------------|------------|------------------------|-------|----------------|----------------|
| Calibr.                  | J. Parnish | 6/20/19 | 742           | 2904CS4 | 3/21           | 7.00               | 24.6       | 7.00                   | 32.7  | P/F            | L/F            |
| Calibr.                  | J          |         | 745           | 2904B00 | 3/21           | 4.00               | 24.6       | 4.00                   | 147.0 | P/F            | L/F            |
| Calibr.                  | J          |         | 749           | 2901B51 | 7/20           | 10.00              | 24.6       | 9.94                   | 204.6 | P/F            | L/F            |
| ICV                      | J          |         | 750           | 2904CS4 | 3/21           | 4.0                | 24.5       | 4.03                   | 142   | P/F            | L/F            |
| CCV                      | J. Parnish | 6/20/19 | 1225          | 2901B51 | 7/20           | 10.0               | 24.5       | 10.04                  | 207   | 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 \_\_\_\_\_, slope from 4 to 7 \_\_\_\_\_ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: \_\_\_\_\_

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: \_\_\_\_\_; Date of last verification: \_\_\_\_\_

| Depth Sensor<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                         | J. Parnish | 6/20/19 | 750           | 0.00                                            | 0.00                 | P/F            | L/F            |

Report two decimal places. Round numbers  $\leq 4$  down,  $\geq 5$  up. ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater.

COMMENTS:



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: MONCRIEF CR

AT MONCRIEF ROAD

Date: 6/20/19  
(mm/dd/yyyy)

WIN/ Field ID: 2003089T 20030726

WBID: 2228B

Latitude: 30.85000

County: Duval

ORG ID: 21FLA

Longitude: -81.60105 68383  
(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 06-17-10

| Sampling Team Members                                                        |      | WQ Measurements                                                                                                                                                                                                                                                                                                                                                             | Sample Collection | Documentation   | Preservation | Preservation Check | Sampling Equipment                                                                |                                         |                                            |                                        |  |
|------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|--------------|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------|----------------------------------------|--|
| C. Ruben<br>J. Parrish                                                       |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | <input checked="" type="checkbox"/> Sample Container                              | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole   |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | <input type="checkbox"/> Carboy                                                   | <input type="checkbox"/> Syringe        |                                            |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | <input type="checkbox"/> Dipper                                                   | <input type="checkbox"/> Other          |                                            |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | Depth Measured with <u>meter</u>                                                  |                                         |                                            |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | Equipment ID <u>Ortho #44</u>                                                     |                                         |                                            |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | Collection Method                                                                 |                                         |                                            |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | <input type="checkbox"/> Wading                                                   | <input type="checkbox"/> Canoe/Kayak    |                                            |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | <input checked="" type="checkbox"/> From Shore                                    | <input type="checkbox"/> Electric Motor |                                            |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | <input type="checkbox"/> Other                                                    | <input type="checkbox"/> Gasoline Motor |                                            |                                        |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | Meter ID# <u>YS1#3</u>                                                            |                                         | Matrix: <u>Fresh</u> / Marine / DI         |                                        |  |
| Photos: Yes / <u>No</u>                                                      |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | Flow: No Flow / Intestinal / <u>Flowing</u> / NA                                  |                                         | Tide: <u>Rising</u> / Falling / Slack / NA |                                        |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    | Tide Times: High                                                                  |                                         | Low                                        |                                        |  |
| Time Zone                                                                    | Time | Total Depth (m)                                                                                                                                                                                                                                                                                                                                                             | Sample Depth (m)  | Secchi Disk (m) | DO (mg/L)    | DO (%SAT)          | pH                                                                                | Salinity (PPT)                          | Sp COND (µmhos/cm)                         | Temp. (C°)                             |  |
| EST                                                                          | 1135 | 0.24                                                                                                                                                                                                                                                                                                                                                                        | 0.1               | 0.24            | 3.54         | 44.6               | 7.10                                                                              | 0.10                                    | 218                                        | 27.0                                   |  |
| CEN                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                             |                   | S               |              |                    |                                                                                   |                                         |                                            |                                        |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    |                                                                                   |                                         |                                            |                                        |  |
| SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:               |      |                                                                                                                                                                                                                                                                                                                                                                             |                   |                 |              |                    |                                                                                   |                                         |                                            |                                        |  |
| Parameter Suite                                                              |      | Parameter Methods                                                                                                                                                                                                                                                                                                                                                           |                   |                 |              |                    | Preservation                                                                      | Lot#                                    | Expiration                                 | pH Check                               |  |
| Preserved Nutrients                                                          |      | <input checked="" type="checkbox"/> W-NH3 / <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 | <u>SA9010030</u>                        | <u>4/20</u>                                | <input checked="" type="checkbox"/> <2 |  |
| Metals                                                                       |      | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                                                                                                                                                                                                                                                       |                   |                 |              |                    | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  | <u>NA9099030</u>                        | <u>4/20</u>                                | <input checked="" 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                                           | <u>NA9086875</u>                        |                                            |                                        |  |
| 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-BR-IC / <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-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD                                                                                                                                                            |                   |                 |              |                    | <input type="checkbox"/> Ice                                                      |                                         |                                            |                                        |  |
| Tracers                                                                      |      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                                                                                                     |                   |                 |              |                    | <input type="checkbox"/> Ice                                                      |                                         |                                            |                                        |  |
| Pesticides                                                                   |      | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA                                                                                                                                                      |                   |                 |              |                    | <input type="checkbox"/> Ice                                                      |                                         |                                            |                                        |  |
| Phytoplankton                                                                |      | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                                                                                                                         |                   |                 |              |                    | <input type="checkbox"/> Ice                                                      |                                         |                                            |                                        |  |

Notes:

Signature: Charles R.

WIN / Field ID:



20030726

MONCRIEF CR AT MONCRIEF ROAD

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: MONCRIEF CR @ MONCRIEF RD

Date: 6/20/19

(mm/dd/yyyy)

WIN/ Field ID: 20030897 CR

WBID: 2228B

Latitude: 30.37027 35666 CR

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.60003 69108

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 06-17-10

| Sampling Team Members |  |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| C. Ruben              |  |  |  |  |  |                 |                   |               |              |                    |
| J. Parrish            |  |  |  |  |  |                 |                   |               |              |                    |

| Sampling Equipment                        |                                   |                               |
|-------------------------------------------|-----------------------------------|-------------------------------|
| <input type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy           | <input type="checkbox"/> Syringe  |                               |
| <input type="checkbox"/> Dipper           | <input type="checkbox"/> Other    |                               |
| Depth Measured with _____                 |                                   |                               |
| Equipment ID _____                        |                                   |                               |

| Collection Method                   |                                         |  |
|-------------------------------------|-----------------------------------------|--|
| <input type="checkbox"/> Wading     | <input type="checkbox"/> Canoe/Kayak    |  |
| <input type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor |  |
| <input type="checkbox"/> Other      | <input type="checkbox"/> Gasoline Motor |  |

|                                                         |      |                                           |                  |                                  |           |                             |    |                |                    |            |
|---------------------------------------------------------|------|-------------------------------------------|------------------|----------------------------------|-----------|-----------------------------|----|----------------|--------------------|------------|
| Water Level: Dry/ Pooled/ Low / Normal / High / Flooded |      |                                           |                  | Meter ID#                        |           | 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 | Total Depth (m)                           | Sample Depth (m) | Secchi Disk (m)                  | DO (mg/L) | DO (%SAT)                   | pH | Salinity (PPT) | Sp COND (µmhos/cm) | Temp. (C°) |
| EST                                                     | 1055 |                                           |                  |                                  |           |                             |    |                |                    |            |
| CEN                                                     |      |                                           |                  |                                  |           |                             |    |                |                    |            |

|                                                                       |  |          |        |         |                |        |  |  |  |  |
|-----------------------------------------------------------------------|--|----------|--------|---------|----------------|--------|--|--|--|--|
| Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other: |  |          |        |         |                |        |  |  |  |  |
| SBIO ID Numbers:                                                      |  | SBIO-ID: | HA-ID: | RPS-ID: | Macrophyte-ID: | LIMS#: |  |  |  |  |

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                       | Preservation                                                                      | Lot# | Expiration | pH Check                    |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------------|-----------------------------|
| Preserved Nutrients         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |      |            | <input type="checkbox"/> <2 |
| Metals                      | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                                                                                                   | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  |      |            | <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-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |      |            |                             |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                 |      |            |                             |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |      |            |                             |
| Microbiology                | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |      |            |                             |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |      |            |                             |
| Tracers                     | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-M5                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |      |            |                             |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E8321-M5 <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |      |            |                             |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |      |            |                             |

Place Preservative Sticker(s) Here  
(If Available)

Notes: Not sampled, recent rain, only stormwater runoff.

WIN / Field ID:



20030897

MONCRIEF CR @ 21ST ST

Signature: Cyrus R

Date:

6/20/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes ☒ No ☐

WIN Station Name: TROUT R @ DINSMORE BOAT RAMP DOCK NR US 1

Date: 6/20/19  
(mm/dd/yyyy)

WIN/ Field ID: 20030123

WBID: 2203B

Latitude: 30.43627

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.76193

(Decimal Degrees)

Receiving Body of Water: SJR

RQ-2019- 06-17-10

| Sampling Team Members |  |  |  |  | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-----------------------|--|--|--|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| C. Ruben              |  |  |  |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| J. Parrish            |  |  |  |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Sampling Equipment                                    |                                         |                                          |
|-------------------------------------------------------|-----------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container  | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                       | <input type="checkbox"/> Syringe        |                                          |
| <input type="checkbox"/> Dipper                       | <input type="checkbox"/> Other          |                                          |
| Depth Measured with <u>Meter</u>                      |                                         |                                          |
| Equipment ID <u>G-10 #44</u>                          |                                         |                                          |
| Collection Method                                     |                                         |                                          |
| <input type="checkbox"/> Wading                       | <input type="checkbox"/> Canoe/Kayak    |                                          |
| <input type="checkbox"/> From Shore                   | <input type="checkbox"/> Electric Motor |                                          |
| <input checked="" type="checkbox"/> Other <u>Dock</u> | <input type="checkbox"/> Gasoline Motor |                                          |

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded      Meter ID# 451 #3      Matrix: Fresh / Marine / DI

Photos: Yes / No      Flow: No Flow / Intertidal / Flowing / NA      Tide: Rising / Falling / Slack / NA      Tide Times: High      Low

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (umhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 1055 | 0.68            | 0.3              | 0.5             | 4.75      | 63.6      | 6.95 | 6.91           | 12,142             | 28.4       |
| CEN       |      |                 |                  |                 |           |           |      |                |                    |            |

Biological Samples Collected: None      HA      SCI      RPS      Algae ID      LVS      LVI      Other:

SBIO ID Numbers:      SBIO-ID:      HA-ID:      RPS-ID:      Macrophyte-ID:      LIMS#:

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                           | Preservation                                                                      | Lot#             | Expiration  | pH Check                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|-------------|----------------------------------------|
| Preserved Nutrients         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <u>SA9010030</u> | <u>4/20</u> | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                             | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |                  |             | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           | <u>12486875</u>  |             |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                           |                  |             |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                        | <input type="checkbox"/> Ice                                                      |                  |             |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                          | <input checked="" 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                             | <input checked="" type="checkbox"/> Ice                                           |                  |             |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input checked="" type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD | <input checked="" type="checkbox"/> Ice                                           |                  |             |                                        |
| Tracers                     | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |                  |             |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-CARB-AA     | <input type="checkbox"/> Ice                                                      |                  |             |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                         | <input type="checkbox"/> Ice                                                      |                  |             |                                        |

Notes:

WIN / Field ID:



20030123

TROUT R @ DINSMORE  
BOAT RAMP DOCK NR US 1

Signature:

*Chapman R*

Date:

6/20/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: TROUT RIVER AT OLD KINGS RD

Date: 6/20/19  
(mm/dd/yyyy)

WIN/ Field ID: 20030753

WBID: 2203

Latitude: 30.43127

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.76858

(Decimal Degrees)

Receiving Body of Water: Duval

RQ-2019- 06-17-10

| Sampling Team Members                                                        |             |                                                                                                                                                                                                                        |                  |                 |            | WQ Measurements                                                                   | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                             | Sampling Equipment                            |                                        |                                          |                             |  |  |  |
|------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------|-----------------------------------------------|----------------------------------------|------------------------------------------|-----------------------------|--|--|--|
| <u>C. Ruben</u><br><u>J. Parrish</u>                                         |             |                                                                                                                                                                                                                        |                  |                 |            | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>            | <input type="checkbox"/> Sample Container     | <input type="checkbox"/> Van Dorn      | <input checked="" type="checkbox"/> Pole |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     |                                                | <input type="checkbox"/> Carboy               | <input type="checkbox"/> Syringe       |                                          |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     |                                                | <input type="checkbox"/> Dipper               | <input type="checkbox"/> Other         |                                          |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     |                                                | Depth Measured with Equipment ID <u>YSI 3</u> |                                        |                                          |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     |                                                | Collection Method                             |                                        |                                          |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            | <input checked="" type="checkbox"/>                                               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> Wading                | <input type="checkbox"/> Canoe/Kayak          |                                        |                                          |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     | <input checked="" type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor       |                                        |                                          |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     | <input type="checkbox"/> Other                 | <input type="checkbox"/> Gasoline Motor       |                                        |                                          |                             |  |  |  |
|                                                                              |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Water Level: Dry/ Pooled/ Low <u>Normal</u> / High / Flooded                 |             |                                                                                                                                                                                                                        |                  |                 |            | Meter ID# <u>YSI 3</u>                                                            |                                     |                                     |                                     | Matrix: <u>Fresh</u> / Marine / DI             |                                               |                                        |                                          |                             |  |  |  |
| Photos: Yes <u>No</u>                                                        |             |                                                                                                                                                                                                                        |                  |                 |            | Flow: No Flow / Intestinal / <u>Flowing</u> / NA                                  |                                     |                                     |                                     | Tide: Rising/ Falling/ Slack/ NA               |                                               |                                        |                                          | Tide Times: High <u>Low</u> |  |  |  |
| Time Zone                                                                    | Time        | Total Depth (m)                                                                                                                                                                                                        | Sample Depth (m) | Secchi Disk (m) | DO (mg/L)  | DO (%SAT)                                                                         | pH                                  | Salinity (PPT)                      | Sp COND (umhos/cm)                  | Temp. (C°)                                     |                                               |                                        |                                          |                             |  |  |  |
| EST                                                                          | <u>1105</u> | <u>0.4</u>                                                                                                                                                                                                             | <u>0.3</u>       | <u>0.4</u>      | <u>3.2</u> | <u>39</u>                                                                         | <u>6.80</u>                         | <u>0.20</u>                         | <u>421</u>                          | <u>25.1</u>                                    |                                               |                                        |                                          |                             |  |  |  |
| CEN                                                                          |             |                                                                                                                                                                                                                        |                  | <u>S</u>        | <u>3.0</u> | <u>37</u>                                                                         |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:               |             |                                                                                                                                                                                                                        |                  |                 |            |                                                                                   |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Parameter Suite                                                              |             | Parameter Methods                                                                                                                                                                                                      |                  |                 |            | Preservation                                                                      |                                     | Lot#                                |                                     | Expiration                                     |                                               | pH Check                               |                                          |                             |  |  |  |
| Preserved Nutrients                                                          |             | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                        |                  |                 |            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                                     | <u>SA9010030</u>                    |                                     | <u>4/20</u>                                    |                                               | <input checked="" type="checkbox"/> <2 |                                          |                             |  |  |  |
| Metals                                                                       |             | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                        |                  |                 |            | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |                                     |                                     |                                     |                                                |                                               | <input type="checkbox"/> <2            |                                          |                             |  |  |  |
| Filtered Nutrients                                                           |             | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                          |                  |                 |            | <input checked="" type="checkbox"/> Ice                                           |                                     | <u>RBA8687S</u>                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Chlorophyll                                                                  |             | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                         |                  |                 |            | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Physical/Aggregate (Fresh)                                                   |             | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                        |                  |                 |            | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Physical/Aggregate (Marine)                                                  |             | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                |                  |                 |            | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Macroinvertebrates                                                           |             | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                    |                  |                 |            | <input type="checkbox"/> Formalin                                                 |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Periphyton                                                                   |             | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                      |                  |                 |            | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Microbiology                                                                 |             | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                        |                  |                 |            | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Molecular                                                                    |             | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD       |                  |                 |            | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Tracers                                                                      |             | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                |                  |                 |            | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Pesticides                                                                   |             | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA |                  |                 |            | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |
| Phytoplankton                                                                |             | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                    |                  |                 |            | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                     |                                                |                                               |                                        |                                          |                             |  |  |  |

Notes:

WIN / Field ID:



20030753

TROUT RIVER AT  
OLD KINGS RD

Signature:

Chyan R

Date:

6/20/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: BIG FISHWEIR CR SF @ HAMILTON ST

Date: 6/20/19  
(mm/dd/yyyy)

WIN/ Field ID: 20030801

WBID: 2280A

Latitude: 30.29315

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: 81.72209

(Decimal Degrees)

Receiving Body of Water: SJR

RQ-2019- 06-17-10

| Sampling Team Members                                                        |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             | WQ Measurements                                                                   | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                     | Sampling Equipment                                   |                                   |                                          |  |  |
|------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------|-------------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------------------|------------------------------------------|--|--|
| <u>C. Ruben</u><br><u>J. Parrish</u>                                         |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>    | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input checked="" type="checkbox"/> Pole |  |  |
|                                                                              |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             |                                                                                   |                                     |                                     |                                     |                                        | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                                          |  |  |
|                                                                              |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             |                                                                                   |                                     |                                     |                                     |                                        | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                                          |  |  |
| Depth Measured with <u>Meter</u>                                             |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             | Equipment ID <u>Ortho # 44</u>                                                    |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| Collection Method                                                            |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             |                                                                                   |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| <input checked="" type="checkbox"/> Wading                                   |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             | <input type="checkbox"/> Canoe/Kayak                                              |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| <input type="checkbox"/> From Shore                                          |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             | <input type="checkbox"/> Electric Motor                                           |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| <input type="checkbox"/> Other                                               |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             | <input type="checkbox"/> Gasoline Motor                                           |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded               |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             | Meter ID# <u>451 #3</u>                                                           |                                     |                                     | Matrix: Fresh / Marine / DI         |                                        |                                                      |                                   |                                          |  |  |
| Photos: <u>Yes</u> / No                                                      |              | Flow: No Flow / Intestinal / <u>Flowing</u> / NA                                                                                                                                                                                                                                                                                                                            |                  | Tide: <u>Rising</u> / Falling / Slack / NA |             | Tide Times: High                                                                  |                                     | Low                                 |                                     |                                        |                                                      |                                   |                                          |  |  |
| Time Zone                                                                    | Time         | Total Depth (m)                                                                                                                                                                                                                                                                                                                                                             | Sample Depth (m) | Secchi Disk (m)                            | DO (mg/L)   | DO (%SAT)                                                                         | pH                                  | Salinity (PPT)                      | Sp COND (umhos/cm)                  | Temp. (C°)                             |                                                      |                                   |                                          |  |  |
| EST                                                                          | <u>09:55</u> | <u>0.2</u>                                                                                                                                                                                                                                                                                                                                                                  | <u>0.1</u>       | <u>0.2</u>                                 | <u>3.21</u> | <u>39.5</u>                                                                       | <u>7.04</u>                         | <u>0.26</u>                         | <u>547</u>                          | <u>25.8</u>                            |                                                      |                                   |                                          |  |  |
| CEN                                                                          |              |                                                                                                                                                                                                                                                                                                                                                                             |                  | <u>S</u>                                   |             |                                                                                   |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |              |                                                                                                                                                                                                                                                                                                                                                                             |                  |                                            |             |                                                                                   |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| SBIO ID Numbers:                                                             |              | SBIO-ID:                                                                                                                                                                                                                                                                                                                                                                    |                  | HA-ID:                                     |             | RPS-ID:                                                                           |                                     | Macrophyte-ID:                      |                                     | LIMS#:                                 |                                                      |                                   |                                          |  |  |
| Parameter Suite                                                              |              | Parameter Methods                                                                                                                                                                                                                                                                                                                                                           |                  |                                            |             | Preservation                                                                      |                                     | Lot#                                | Expiration                          | pH Check                               |                                                      |                                   |                                          |  |  |
| Preserved Nutrients                                                          |              | <input checked="" type="checkbox"/> W-NH3 / <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 |                                     | <u>BA9010030</u>                    | <u>4/20</u>                         | <input checked="" type="checkbox"/> <2 |                                                      |                                   |                                          |  |  |
| Metals                                                                       |              | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input checked="" type="checkbox"/> CR                                                                                                                                                                                                                                                |                  |                                            |             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  |                                     |                                     |                                     | <input type="checkbox"/> <2            |                                                      |                                   |                                          |  |  |
| Filtered Nutrients                                                           |              | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                                                                                                                                                               |                  |                                            |             | <input checked="" type="checkbox"/> Ice                                           |                                     | <u>RBAB6875</u>                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| 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-BR-IC / <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-BacR <input type="checkbox"/> PCR-GULL2<br><input checked="" type="checkbox"/> PCR-HF1B3 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD                                                                                                                                                 |                  |                                            |             | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| Tracers                                                                      |              | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                                                                               |                  |                                            |             | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| Pesticides                                                                   |              | <input checked="" type="checkbox"/> W-PSNP-TO <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA <input checked="" type="checkbox"/> CR                                                                                                    |                  |                                            |             | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |
| Phytoplankton                                                                |              | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                                                                                                                         |                  |                                            |             | <input type="checkbox"/> Ice                                                      |                                     |                                     |                                     |                                        |                                                      |                                   |                                          |  |  |

Notes:

Box culvert @ Hamilton being dug out. Turbidity certain up.

WIN / Field ID:



20030801

BIG FISHWEIR CR SF  
@ HAMILTON ST

Signature:

Chyane R

Date:

6/20/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: LITTLE FISHWEIR CR AT OAK ST.

Date: 6/20/19  
(mm/dd/yyyy)

WIN/ Field ID: 20030953

WBID: 2280A

Latitude: 30.29486

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: 81.70919

(Decimal Degrees)

Receiving Body of Water: Big Fishweir Cr

RQ-2019- 06-17-10

| Sampling Team Members |  |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| C. Ruben              |  |  |  |  |  |                 | X                 |               |              |                    |
| J. Parrish            |  |  |  |  |  | X               |                   |               |              |                    |

| Sampling Equipment                             |                                         |                                          |  |  |  |  |  |  |  |
|------------------------------------------------|-----------------------------------------|------------------------------------------|--|--|--|--|--|--|--|
| <input type="checkbox"/> Sample Container      | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole |  |  |  |  |  |  |  |
| <input type="checkbox"/> Carboy                | <input type="checkbox"/> Syringe        |                                          |  |  |  |  |  |  |  |
| <input type="checkbox"/> Dipper                | <input type="checkbox"/> Other          |                                          |  |  |  |  |  |  |  |
| Depth Measured with <u>meter</u>               |                                         |                                          |  |  |  |  |  |  |  |
| Equipment ID <u>ortho</u>                      |                                         |                                          |  |  |  |  |  |  |  |
| Collection Method                              |                                         |                                          |  |  |  |  |  |  |  |
| <input type="checkbox"/> Wading                | <input type="checkbox"/> Canoe/Kayak    |                                          |  |  |  |  |  |  |  |
| <input checked="" type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor |                                          |  |  |  |  |  |  |  |
| <input type="checkbox"/> Other                 | <input type="checkbox"/> Gasoline Motor |                                          |  |  |  |  |  |  |  |

| Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded |             |                                                  |                  | Meter ID# <u>YET 3</u>                   |            | Matrix: <u>Fresh</u> Marine / DI |             |                 |                    |             |
|----------------------------------------------------------------|-------------|--------------------------------------------------|------------------|------------------------------------------|------------|----------------------------------|-------------|-----------------|--------------------|-------------|
| Photos: Yes / <u>No</u>                                        |             | Flow: No Flow / Intestinal / <u>Flowing</u> / NA |                  | Tide: Rising/ <u>Falling</u> / Slack/ NA |            | Tide Times: High <u>Low</u>      |             |                 |                    |             |
| Time Zone                                                      | Time        | Total Depth (m)                                  | Sample Depth (m) | Secchi Disk (m)                          | DO (mg/L)  | DO (%SAT)                        | pH          | Salinity (PPTH) | Sp COND (µmhos/cm) | Temp. (C°)  |
| EST                                                            | <u>1020</u> | <u>0.1</u>                                       | <u>0.05</u>      | <u>0.1</u>                               | <u>2.5</u> | <u>30</u>                        | <u>6.83</u> | <u>0.14</u>     | <u>305</u>         | <u>25.4</u> |
| CEN                                                            |             |                                                  |                  | <u>S</u>                                 |            |                                  |             |                 |                    |             |

| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |                                                                                                                                                                                                                             |  |  |  |                                                             |      |            |                             |  |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------|------|------------|-----------------------------|--|
| SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:               |                                                                                                                                                                                                                             |  |  |  |                                                             |      |            |                             |  |
| Parameter Suite                                                              | Parameter Methods                                                                                                                                                                                                           |  |  |  | Preservation                                                | Lot# | Expiration | pH Check                    |  |
| Preserved Nutrients                                                          | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                        |  |  |  | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4 |      |            | <input 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 type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                     |  |  |  | <input type="checkbox"/> Ice                                |      |            |                             |  |
| Chlorophyll                                                                  | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                         |  |  |  | <input type="checkbox"/> Ice                                |      |            |                             |  |
| Physical/Aggregate (Fresh)                                                   | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                        |  |  |  | <input type="checkbox"/> Ice                                |      |            |                             |  |
| Physical/Aggregate (Marine)                                                  | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                     |  |  |  | <input type="checkbox"/> Ice                                |      |            |                             |  |
| Macroinvertebrates                                                           | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                         |  |  |  | <input type="checkbox"/> Formalin                           |      |            |                             |  |
| Periphyton                                                                   | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                           |  |  |  | <input type="checkbox"/> Ice                                |      |            |                             |  |
| Microbiology                                                                 | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                             |  |  |  | <input checked="" type="checkbox"/> Ice                     |      |            |                             |  |
| Molecular                                                                    | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input checked="" type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD |  |  |  | <input checked="" type="checkbox"/> Ice                     |      |            |                             |  |
| Tracers                                                                      | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                               |  |  |  | <input checked="" type="checkbox"/> Ice                     |      |            |                             |  |
| Pesticides                                                                   | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA      |  |  |  | <input type="checkbox"/> Ice                                |      |            |                             |  |
| Phytoplankton                                                                | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                         |  |  |  | <input type="checkbox"/> Ice                                |      |            |                             |  |

Notes:

WIN / Field ID:   
20030953

LITTLE FISHWEIR AT OAK ST.

Signature: Cyane R

Date: 6/20/19

LIMS EVENT ID: \_\_\_\_\_

WIN Import ID: \_\_\_\_\_

Enter Field Parameters, Verify Station ID in LIMS DMT: \_\_\_\_\_

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

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

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

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

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

Bmap 2

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: C. Ruben

Project ID: SMP

Collected By: C. Ruben / J. ParrishSampling Agency: FDEP DEAR NE ROC

|          |                                                                                                     |                                                                           |                                                                         |                                                                            |                                                    |                               |
|----------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------|-------------------------------|
| Location | WIN / Field ID:    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>6/20/19</u> Time <u>0955</u> | <u>Eastern</u><br>Central                                                  | Composite end<br>Date <u>    </u> Time <u>    </u> | Bottle Group(s)<br>(See pg 2) |
| Field ID |                                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     | Diss. Oxygen<br><u>3.21</u>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) <u>    </u>          | <u>A</u>                      |
| WIN/ST   | BIG FISHWEIR CR SF<br>@ HAMILTON ST                                                                 | Temp (C)<br><u>28.5</u>                                                   | pH<br><u>7.04</u>                                                       | Sample Depth<br><u>0.1</u>                                                 | Sp. Conductance<br>(umho/cm) <u>547</u>            |                               |
| Latitude | <input type="checkbox"/> dms                                                                        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br><u>0.26</u>                                           | Comments                                                                   |                                                    |                               |
| Location | WIN / Field ID:    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>6/20/19</u> Time <u>1020</u> | <u>Eastern</u><br>Central                                                  | Composite end<br>Date <u>    </u> Time <u>    </u> | Bottle Group(s)               |
| Field ID |                                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     | Diss. Oxygen<br><u>2.5</u>                                              | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) <u>    </u>          | <u>E</u>                      |
| WIN/ST   | LITTLE FISHWEIR AT OAK ST.                                                                          | Temp (C)<br><u>25.4</u>                                                   | pH<br><u>6.83</u>                                                       | Sample Depth<br><u>0.05</u>                                                | Sp. Conductance<br>(umho/cm) <u>303</u>            |                               |
| Latitude | <input type="checkbox"/> dms                                                                        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br><u>0.14</u>                                           | Comments                                                                   |                                                    |                               |
| Location | WIN / Field ID:    | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date <u>6/20/19</u> Time <u>1055</u> | <u>Eastern</u><br>Central                                                  | Composite end<br>Date <u>    </u> Time <u>    </u> | Bottle Group(s)               |
| Field ID |                                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Salt</u>                      | Diss. Oxygen<br><u>4.75</u>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) <u>    </u>          | <u>C</u>                      |
| WIN/ST   | TROUT R @ DINSMORE<br>BOAT RAMP DOCK NR US 1                                                        | Temp (C)<br><u>28.4</u>                                                   | pH<br><u>6.95</u>                                                       | Sample Depth<br><u>0.3</u>                                                 | Sp. Conductance<br>(umho/cm) <u>12,142</u>         |                               |
| Latitude | <input type="checkbox"/> dms                                                                        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br><u>6.91</u>                                           | Comments                                                                   |                                                    |                               |
| Location | WIN / Field ID:  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>6/20/19</u> Time <u>1105</u> | <u>Eastern</u><br>Central                                                  | Composite end<br>Date <u>    </u> Time <u>    </u> | Bottle Group(s)               |
| Field ID |                                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     | Diss. Oxygen<br><u>3.0</u>                                              | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) <u>    </u>          | <u>D</u>                      |
| WIN/ST   | TROUT RIVER AT<br>OLD KINGS RD                                                                      | Temp (C)<br><u>25.1</u>                                                   | pH<br><u>6.80</u>                                                       | Sample Depth<br><u>0.3</u>                                                 | Sp. Conductance<br>(umho/cm) <u>421</u>            |                               |
| Latitude | <input type="checkbox"/> dms                                                                        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br><u>0.20</u>                                           | Comments                                                                   |                                                    |                               |

|                                     |                                  |                                 |                                        |              |           |
|-------------------------------------|----------------------------------|---------------------------------|----------------------------------------|--------------|-----------|
| Relinquished By:<br><u>C. Ruben</u> | Date/Time<br><u>6/20/19 1230</u> | Shipping Method<br><u>Fedex</u> | Number of Coolers Shipped:<br><u>2</u> | Received By: | Date/Time |
|-------------------------------------|----------------------------------|---------------------------------|----------------------------------------|--------------|-----------|

Request Number: RQ-2019-06-17-10

# Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 6

last revised Jan 25, 2018

Bmap 2

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: C. Riben

Project ID: SMP

Collected By: C Riben / J ParrishSampling Agency: FDEP DEAR NE-Roc

|              |  |                                                                                                               |  |                                                                         |  |                                                                                 |  |                                                                            |  |                                                                                                           |  |
|--------------|--|---------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------|--|
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab                                     |  | Collection (comp begin or grab)<br>Date <u>6/20/19</u> Time <u>1135</u> |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date _____ Time _____                                     |  | Bottle Group(s)<br>(See pg 2)                                                                             |  |
| Field ID     |  | WIN / Field ID: <br>20030726 |  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                   |  | Diss. Oxygen<br><u>3.54</u>                                                     |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine (mg/L) <u>—</u>                                                                       |  |
| WIN/ST       |  | MONCRIEF CR AT MONCRIEF ROAD                                                                                  |  | Temp (C) <u>27.0</u>                                                    |  | pH <u>7.10</u>                                                                  |  | Sample Depth <u>0.1</u>                                                    |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m Sp. Conductance (umho/cm) <u>218</u> |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                   |  | Salinity (ppt) <u>0.10</u>                                              |  | Comments                                                                        |  |                                                                            |  |                                                                                                           |  |
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab                                     |  | Collection (comp begin or grab)<br>Date _____ Time _____                |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date _____ Time _____                                     |  | Bottle Group(s)                                                                                           |  |
| Field ID     |  | WIN / Field ID: <br>20030897 |  | Matrix (type, e.g., Salt, Fresh, etc)                                   |  | Diss. Oxygen                                                                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |  | Total Res. Chlorine (mg/L)                                                                                |  |
| WIN/ST       |  | MONCRIEF CR @ 21ST ST                                                                                         |  | Temp (C)                                                                |  | pH                                                                              |  | Sample Depth                                                               |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m Sp. Conductance (umho/cm)                       |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                   |  | Salinity (ppt)                                                          |  | Comments <u>Not Sampled</u>                                                     |  |                                                                            |  |                                                                                                           |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab                                                |  | Collection (comp begin or grab)<br>Date _____ Time _____                |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date _____ Time _____                                     |  | Bottle Group(s)                                                                                           |  |
| Field ID     |  |                                                                                                               |  | Matrix (type, e.g., Salt, Fresh, etc)                                   |  | Diss. Oxygen                                                                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |  | Total Res. Chlorine (mg/L)                                                                                |  |
| WIN/STORET # |  |                                                                                                               |  | Temp (C)                                                                |  | pH                                                                              |  | Sample Depth                                                               |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m Sp. Conductance (umho/cm)                       |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                   |  | Longitude                                                               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                     |  | Salinity (ppt)                                                             |  | Comments                                                                                                  |  |
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab                                     |  | Collection (comp begin or grab)<br>Date _____ Time _____                |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date _____ Time _____                                     |  | Bottle Group(s)                                                                                           |  |
| Field ID     |  |                                                                                                               |  | Matrix (type, e.g., Salt, Fresh, etc)                                   |  | Diss. Oxygen                                                                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |  | Total Res. Chlorine (mg/L)                                                                                |  |
| WIN/STORET # |  |                                                                                                               |  | Temp (C)                                                                |  | pH                                                                              |  | Sample Depth                                                               |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m Sp. Conductance (umho/cm)                       |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                   |  | Longitude                                                               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                     |  | Salinity (ppt)                                                             |  | Comments                                                                                                  |  |

|                                |                                 |                               |                                     |              |            |
|--------------------------------|---------------------------------|-------------------------------|-------------------------------------|--------------|------------|
| Relinquished By: <u>Chynar</u> | Date/Time: <u>6/20/19 12:00</u> | Shipping Method: <u>Fedex</u> | Number of Coolers Shipped: <u>2</u> | Received By: | Date/Time: |
|--------------------------------|---------------------------------|-------------------------------|-------------------------------------|--------------|------------|

|          |                                                                                    |                |                 |               |               |                                     |                    |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|--------------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1                  |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1                  |
|          | CHLSUITE-W                                                                         |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1                  |
|          | ECOLI-18QT                                                                         |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1                  |
|          | PCR-HF183                                                                          |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1                  |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | Not Sampled $\phi$ |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1                  |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1                  |
|          | W-PO4-F                                                                            |                |                 |               |               |                                     |                    |
| Group: A | Bottle Type:                                                                       | BG-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | Not Sampled $\phi$ |
|          | W-PSNP-TQ                                                                          |                |                 |               |               |                                     |                    |
| Group: B | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |                    |

|          |                                                                                    |                |                 |               |               |                                           |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W                                                                         |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ECOLI-18QT                                                                         |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | PCR-HF183                                                                          |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab _____ |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F                                                                            |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | BG-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | W-PSNP-TQ                                                                          |                |                 |               |               |                                           |
| Group: B | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |

|            |              |                |                 |               |               |                                     |   |
|------------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: B   | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
| ALKALINITY |              |                |                 |               |               |                                     |   |
| TURBIDITY  |              |                |                 |               |               |                                     |   |
| W-CL-IC    |              |                |                 |               |               |                                     |   |
| W-COLOR    |              |                |                 |               |               |                                     |   |
| W-F        |              |                |                 |               |               |                                     |   |
| W-SO4-IC   |              |                |                 |               |               |                                     |   |
| W-TDS      |              |                |                 |               |               |                                     |   |
| W-TSS      |              |                |                 |               |               |                                     |   |
| Group: B   | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
| CHLSUITE-W |              |                |                 |               |               |                                     |   |
| Group: B   | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
| ECOLI-18QT |              |                |                 |               |               |                                     |   |
| Group: B   | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1 |
| W-ICP      |              |                |                 |               |               |                                     |   |
| W-ICPMS    |              |                |                 |               |               |                                     |   |
| Group: B   | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |   |
| W-NH3      |              |                |                 |               |               |                                     |   |
| W-NO2NO3   |              |                |                 |               |               |                                     |   |
| W-S-A-TP   |              |                |                 |               |               |                                     |   |
| W-TKN      |              |                |                 |               |               |                                     |   |
| W-TOC      |              |                |                 |               |               |                                     |   |
| Group: B   | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |   |
| W-PO4-F    |              |                |                 |               |               |                                     |   |
| Group: C   | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
| ALKALINITY |              |                |                 |               |               |                                     |   |
| TURBIDITY  |              |                |                 |               |               |                                     |   |
| W-BR-IC    |              |                |                 |               |               |                                     |   |
| W-F        |              |                |                 |               |               |                                     |   |
| W-TSS      |              |                |                 |               |               |                                     |   |
| Group: C   | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
| CHLSUITE-W |              |                |                 |               |               |                                     |   |
| Group: C   | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |

|          |                                                                                                         |                 |                             |                                     |   |
|----------|---------------------------------------------------------------------------------------------------------|-----------------|-----------------------------|-------------------------------------|---|
| Group: C | Bottle Type: P-250ML-WO-THI<br>ENT-24-QT                                                                | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type: QPCR-P-500ML<br>PCR-HF183                                                                  | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type: BG-500ML<br>W-E8321-DI<br>W-E8321-MS                                                       | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type: P-500ML<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                 | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type: P-125ML<br>W-PO4-F                                                                         | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1 |
| Group: D | Bottle Type: P-1L<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 |
| Group: D | Bottle Type: BP-1L<br>CHLSUITE-W                                                                        | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 |
| Group: D | Bottle Type: P-250ML-WO-THI<br>ECOLI-18QT                                                               | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 |
| Group: D | Bottle Type: P-500ML<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN                                          | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |

|            |              |                |                 |                             |                                     |             |
|------------|--------------|----------------|-----------------|-----------------------------|-------------------------------------|-------------|
| Group: D   | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1           |
| W-TOC      |              |                |                 |                             |                                     |             |
| Group: D   | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1           |
| W-PO4-F    |              |                |                 |                             |                                     |             |
| Group: E   | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1           |
| ECOLI-18QT |              |                |                 |                             |                                     |             |
| Group: E   | Bottle Type: | QPCR-P-500ML   | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1           |
| PCR-HF183  |              |                |                 |                             |                                     |             |
| Group: E   | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1           |
| W-E8321-DI |              |                |                 |                             |                                     |             |
| W-E8321-MS |              |                |                 |                             |                                     |             |
| Group: F   | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | Not Sampled |
| ECOLI-18QT |              |                |                 |                             |                                     |             |