

# 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: Desi

RQ: 2019-12-09-18

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 10/2019

| 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.                  | K. Appleby | 12/12/19 | 740           | 21.6       | 770.1                  | 8.9                   | 8.92                  | 101.3 | -               | 1.04          | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| ICV                      | ↓          | ↓        | 742           | 21.6       | 770.1                  | 8.9                   | 8.92                  | 101.3 | -               | 1.04          | P/F                                   | L/F                                   |
| CCV                      | Brian D.   | ↓        | 1339          | 19.5       | 768.3                  | 9.3                   | 9.24                  | 100.6 | ✓               | 1.04          | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                      |            |          |               |            |                        |                       |                       |       |                 |               | P/F                                   | L/F                                   |

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

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

Optical: DO gain range 0.85 to 1.15 (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 #   | Expir.<br>Date | Standard<br>$\mu$ mhos/cm | Meter<br>Reading<br>$\mu$ mhos/cm | Pass<br>/ Fail                        | Lab<br>/ Field                        |
|---------------------------|------------|----------|---------------|---------|----------------|---------------------------|-----------------------------------|---------------------------------------|---------------------------------------|
| Calibr.                   | K. Appleby | 12/12/19 | 745           | 191018  | 10/2020        | 1000                      | 1000                              | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| ICV                       | ↓          | ↓        | 747           | 190711A | 7/2020         | 103100                    | 103.9                             | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                       | B. Davis   | ↓        | 1342          | 191025B | 11/20          | 20,000                    | 19475                             | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> 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 #   | Expir.<br>Date | pH<br>Buffer<br>SU | Temp<br>°C | Meter<br>reading<br>SU | mV     | Pass<br>/ Fail                        | Lab<br>/ Field                        |
|--------------------------|------------|----------|---------------|---------|----------------|--------------------|------------|------------------------|--------|---------------------------------------|---------------------------------------|
| Calibr.                  | K. Appleby | 12/12/19 | 749           | 2902778 | 1/2021         | 7.00               | 22.9       | 7.00                   | -33.9  | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| Calibr.                  | ↓          | ↓        | 751           | 2907D62 | 7/2021         | 4.00               | 23.2       | 4.00                   | 146.9  | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| Calibr.                  | ↓          | ↓        | 754           | 2904E91 | 10/2020        | 10.00              | 23.1       | 10.00                  | -204.2 | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| ICV                      | ↓          | ↓        | 755           | 2902778 | 1/2021         | 7.00               | 23.0       | 7.05                   | -33.1  | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                      | B. Davis   | ↓        | 1343          | 2904E91 | 10/20          | 10.02              | 22.9       | 10.00                  | -205.7 | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> F |
| CCV                      | ↓          | ↓        | 1344          | 2907D62 | 7/21           | 4.0                | 23.1       | 4.01                   | 145.0  | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> 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: 10/2019

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                         | K. Appleby | 12/12/19 | 757           | 0.00                                            |                      | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> 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 RD

Date: 12/12/2019

(mm/dd/yyyy)

WIN/ Field ID: 20030726

WBID: 2228B

Latitude: 30.370277

(Decimal Degrees)

County: Duval

ORG ID: 21FL

Longitude: -81.683833

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 12-09-18

| Sampling Team Members                                                        |             |                                                                                                                 |                  |                                            |             | WQ Measurements                                                                   | Sample Collection | Documentation    | Preservation                       | Preservation Check                     | Sampling Equipment                                   |                                         |                                          |  |  |
|------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------|-------------|-----------------------------------------------------------------------------------|-------------------|------------------|------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------|--|--|
| The Brian Davis                                                              |             |                                                                                                                 |                  |                                            |             |                                                                                   |                   |                  |                                    |                                        | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole |  |  |
| K. Appleby                                                                   |             |                                                                                                                 |                  |                                            |             |                                                                                   |                   |                  |                                    |                                        | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe        |                                          |  |  |
|                                                                              |             |                                                                                                                 |                  |                                            |             |                                                                                   |                   |                  |                                    |                                        | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other          |                                          |  |  |
|                                                                              |             |                                                                                                                 |                  |                                            |             |                                                                                   |                   |                  |                                    |                                        | Depth Measured with <u>Desi Kit #3</u>               |                                         |                                          |  |  |
|                                                                              |             |                                                                                                                 |                  |                                            |             |                                                                                   |                   |                  |                                    |                                        | Equipment ID <u>Desi Kit #3</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>Desi</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 <u>940</u> Low <u>—</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°)                             |                                                      |                                         |                                          |  |  |
| <u>EST</u>                                                                   | <u>1035</u> | <u>1.2</u>                                                                                                      | <u>0.3</u>       | <u>1.2</u>                                 | <u>5.07</u> | <u>52.4</u>                                                                       | <u>7.13</u>       | <u>0.21</u>      | <u>429.8</u>                       | <u>16.4</u>                            |                                                      |                                         |                                          |  |  |
| CEN                                                                          |             |                                                                                                                 |                  | <u>5</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>SA9203100</u> | <u>7/2020</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>NA9129070</u> | <u>5/2020</u>                      | <input checked="" 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>R9BA8681</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        |                  |                                            |             | <input type="checkbox"/> Ice                                                      |                   |                  |                                    |                                        |                                                      |                                         |                                          |  |  |
|                                                                              |             | <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       |                  |                                            |             | <input type="checkbox"/> Ice                                                      |                   |                  |                                    |                                        |                                                      |                                         |                                          |  |  |
|                                                                              |             | <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:



20030726

MONCRIEF CR AT MONCRIEF ROAD

Signature: [Signature]

Date:

12/12/2019

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

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 @ 21ST ST

Date: 12/12/2019

(mm/dd/yyyy)

WIN/ Field ID: 20030897

WBID: 2228B

Latitude: 30.356666

(Decimal Degrees)

County: Duval

ORG ID: 21FL

Longitude: -81.691083

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 12-09-18

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| The Brian Davis       |  |  |  |  |                 |                   |               |              |                    |
| <u>R. Appleby</u>     |  |  |  |  |                 |                   |               |              |                    |

| 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>Desi</u>                      |                                   |                                          |
| Equipment ID                                         |                                   |                                          |

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded      Meter ID# Desi      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°)  |
|------------|-------------|-----------------|------------------|-----------------|------------|-------------|-------------|----------------|--------------------|-------------|
| <u>EST</u> | <u>1010</u> | <u>0.26</u>     | <u>0.13</u>      | <u>VOB</u>      | <u>557</u> | <u>58.7</u> | <u>7.17</u> | <u>0.23</u>    | <u>481.7</u>       | <u>17.8</u> |
| CEN        |             |                 |                  | <u>S</u>        |            |             |             |                |                    |             |

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

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

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                      | Preservation                                                                         | Lot# | Expiration | pH Check                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|------------|-----------------------------|
| Preserved Nutrients         | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                   | <input type="checkbox"/> Ice <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> |      |            | <input type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                        | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>               |      |            | <input type="checkbox"/> <2 |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                | <input type="checkbox"/> Ice                                                         |      |            |                             |
| Chlorophyll                 | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                         |      |            |                             |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                   | <input type="checkbox"/> Ice                                                         |      |            |                             |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                | <input type="checkbox"/> Ice                                                         |      |            |                             |
| 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:



20030897

MONCRIEF CR @ 21ST ST

Signature:

[Signature]

12/12/2019

LIMS EVENT ID:      WIN Import ID:      QC Station ID, Field Parameters in LIMS DMT:      (Initials/Date)

Enter Field Parameters, Verify Station ID in LIMS DMT:      (Initials/Date)

Scan/Save Field Sheets      Migrate Data to WIN:      Verify Data in WIN:      (Initials/Date)





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: BIG FISHWEIR CR SF @ HAMILTON ST

Date: 12/12/2019

(mm/dd/yyyy)

WIN/ Field ID: 20030801

WBID: 2280A

Latitude: 30.293152

(Decimal Degrees)

County: Duval

ORG ID: 21FL

Longitude: -81.7220919

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 12-09-18

| Sampling Team Members                                                        |                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             | WQ Measurements                                                                   | Sample Collection | Documentation    | Preservation                       | Preservation Check | Sampling Equipment                                   |                                         |                                          |  |  |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|------------------------------------------|-------------|-----------------------------------------------------------------------------------|-------------------|------------------|------------------------------------|--------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------|--|--|
| The Brian Davis                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             |                                                                                   |                   |                  |                                    |                    | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole |  |  |
| K. Appleby                                                                   |                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             |                                                                                   |                   |                  |                                    |                    | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe        |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             |                                                                                   |                   |                  |                                    |                    | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other          |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             |                                                                                   |                   |                  |                                    |                    | Depth Measured with <u>Desi</u>                      |                                         |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             |                                                                                   |                   |                  |                                    |                    | Equipment ID <u>Ortho Kit #3</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>Desi</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>1020</u> 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°)         |                                                      |                                         |                                          |  |  |
| <u>EST</u>                                                                   | <u>1110</u>                                                                                                                                                                                                                                                                                                                                                                 | <u>0.4</u>                                       | <u>0.2</u>       | <u>VOB</u>                               | <u>2.91</u> | <u>30.2</u>                                                                       | <u>7.16</u>       | <u>1.34</u>      | <u>2581</u>                        | <u>16.8</u>        |                                                      |                                         |                                          |  |  |
| CEN                                                                          |                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                  | <u>(5)</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>SA9203100</u> | <u>7/2020</u>                      | <u>&lt;2</u>       |                                                      |                                         |                                          |  |  |
| Metals                                                                       | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |                   |                  |                                    | <u>&lt;2</u>       |                                                      |                                         |                                          |  |  |
| 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>R9BA86875</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-CH-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                                                                                                                                                                                                                                                                    |                                                  |                  |                                          |             | <input checked="" type="checkbox"/> Ice                                           |                   |                  |                                    |                    |                                                      |                                         |                                          |  |  |
|                                                                              | <input checked="" type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD                                                                                                                                                                                                                                                             |                                                  |                  |                                          |             |                                                                                   |                   |                  |                                    |                    |                                                      |                                         |                                          |  |  |
| Tracers                                                                      | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                                                                               |                                                  |                  |                                          |             | <input checked="" type="checkbox"/> Ice                                           |                   |                  |                                    |                    |                                                      |                                         |                                          |  |  |
| Pesticides                                                                   | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI                                                                                                                                                                                                                                                                   |                                                  |                  |                                          |             | <input type="checkbox"/> Ice                                                      |                   |                  |                                    |                    |                                                      |                                         |                                          |  |  |
|                                                                              | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA                                                                                                                                                                                                                                                                   |                                                  |                  |                                          |             |                                                                                   |                   |                  |                                    |                    |                                                      |                                         |                                          |  |  |
| Phytoplankton                                                                | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                                                                                                                         |                                                  |                  |                                          |             | <input type="checkbox"/> Ice                                                      |                   |                  |                                    |                    |                                                      |                                         |                                          |  |  |

Notes:

WIN / Field ID:



20030801

BIG FISHWEIR CR SF  
@ HAMILTON ST

Signature:

*[Signature]*

Date:

12/12/2019

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

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: 12/12/2019

(mm/dd/yyyy)

WIN/ Field ID: 20030953

WBID: 2280A

Latitude: 30.2946666

(Decimal Degrees)

County: Duval

ORG ID: 21FL

Longitude: -81.709194

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 12-09-18

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|
| The Brian Davis       |  |                 |                   |               |              |                    |
| <i>R. Appleby</i>     |  |                 |                   |               |              |                    |

| 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>DCS</u>                       |                                                                            |
| Equipment ID                                         |                                                                            |

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

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

Photos: Yes / No      Flow: No Flow / Intestinal / Flowing / NA      Tide: Rising/ Ebbing/ Slack/ NA      Tide Times: High 1020 Low

| Time Zone  | Time        | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L)   | DO (%SAT)   | pH          | Salinity (PPT) | Sp COND (umhos/cm) | Temp. (C°)  |
|------------|-------------|-----------------|------------------|-----------------|-------------|-------------|-------------|----------------|--------------------|-------------|
| <u>EST</u> | <u>1140</u> | <u>0.9</u>      | <u>0.3</u>       | <u>0.9</u>      | <u>1.20</u> | <u>15.2</u> | <u>6.37</u> | <u>1.41</u>    | <u>2675</u>        | <u>16.7</u> |
| CEN        |             |                 |                  | <u>5</u>        |             |             |             |                |                    |             |

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

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

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                           | Preservation                                                                         | Lot# | Expiration | pH Check                    |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|------------|-----------------------------|
| Preserved Nutrients         | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                        | <input type="checkbox"/> Ice <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> |      |            | <input type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                             | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>               |      |            | <input type="checkbox"/> <2 |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                                     | <input type="checkbox"/> Ice                                                         |      |            |                             |
| Chlorophyll                 | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                         | <input type="checkbox"/> Ice                                                         |      |            |                             |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                        | <input type="checkbox"/> Ice                                                         |      |            |                             |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-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:

*[Signature]*

12/12/19

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 Date 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: 12/12/2019

(mm/dd/yyyy)

WIN/ Field ID: 20030753

WBID: 2203

Latitude: 30.431277

(Decimal Degrees)

County: Duval

ORG ID: 21FL

Longitude: -81.7685833

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 12-09-18

| Sampling Team Members                                                        |      |                                                                                                                 |                  |                 |           | WQ Measurements                                  | Sample Collection                                                      | Documentation  | Preservation                               | Preservation Check                     | Sampling Equipment                                   |                                         |                                          |  |  |
|------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|--------------------------------------------------|------------------------------------------------------------------------|----------------|--------------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------|--|--|
| The Brian Davis                                                              |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole |  |  |
| K. Applaby                                                                   |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe        |                                          |  |  |
|                                                                              |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other          |                                          |  |  |
|                                                                              |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        | Depth Measured with <u>Resi</u>                      |                                         |                                          |  |  |
|                                                                              |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        | Equipment ID <u>0-LHO #3</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>Resi</u>                            |                                                                        |                | Matrix: <u>Fresh</u> / Marine / DI         |                                        |                                                      |                                         |                                          |  |  |
| Photos: Yes / <u>No</u>                                                      |      |                                                                                                                 |                  |                 |           | Flow: No Flow / Intertidal / <u>Flowing</u> / NA |                                                                        |                | Tide: <u>Rising</u> / Falling / Slack / NA |                                        |                                                      | Tide Times: High <u>9:40</u> 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                                                                          | 9:30 | 0.7                                                                                                             | 0.3              | 0.6             | 5.12      | 51.8                                             | 6.60                                                                   | 0.08           | 177                                        | 16.0                                   |                                                      |                                         |                                          |  |  |
| CEN                                                                          |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:               |      |                                                                                                                 |                  |                 |           |                                                  |                                                                        |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| Parameter Suite                                                              |      | Parameter Methods                                                                                               |                  |                 |           |                                                  | Preservation                                                           | Lot#           | Expiration                                 | pH Check                               |                                                      |                                         |                                          |  |  |
| Preserved Nutrients                                                          |      | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                  |                 |           |                                                  | <input checked="" type="checkbox"/> Ice <input type="checkbox"/> H2SO4 | SAD93010       | 4/3/18                                     | <input checked="" type="checkbox"/> <2 |                                                      |                                         |                                          |  |  |
| Metals                                                                       |      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                 |                  |                 |           |                                                  | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3             |                |                                            | <input type="checkbox"/> <2            |                                                      |                                         |                                          |  |  |
| Filtered Nutrients                                                           |      | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter   |                  |                 |           |                                                  | <input checked="" type="checkbox"/> Ice                                | R98A86875      |                                            |                                        |                                                      |                                         |                                          |  |  |
| 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-CH-IC / W-COLOR / W-SO4-IC / W-TDS |                  |                 |           |                                                  | <input checked="" type="checkbox"/> Ice                                |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| Physical/Aggregate (Marine)                                                  |      | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                         |                  |                 |           |                                                  | <input type="checkbox"/> Ice                                           |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| Macroinvertebrates                                                           |      | <input type="checkbox"/> MI-FW-QLDC                                                                             |                  |                 |           |                                                  | <input type="checkbox"/> Formalin                                      |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| Periphyton                                                                   |      | <input type="checkbox"/> ALGAE-ID                                                                               |                  |                 |           |                                                  | <input type="checkbox"/> Ice                                           |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| Microbiology                                                                 |      | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci |                  |                 |           |                                                  | <input checked="" type="checkbox"/> Ice                                |                |                                            |                                        |                                                      |                                         |                                          |  |  |
| Molecular                                                                    |      | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2        |                  |                 |           |                                                  | <input type="checkbox"/> Ice                                           |                |                                            |                                        |                                                      |                                         |                                          |  |  |
|                                                                              |      | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD            |                  |                 |           |                                                  | <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       |                  |                 |           |                                                  | <input type="checkbox"/> Ice                                           |                |                                            |                                        |                                                      |                                         |                                          |  |  |
|                                                                              |      | <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:

*[Handwritten Signature]*

12/12/2019

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

(Initials/Date)

(Initials/Date)

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: 12/12/2019

(mm/dd/yyyy)

WIN/ Field ID: 20030123

WBID: 2203B

Latitude: 30.436278

(Decimal Degrees)

County: Duval

ORG ID: 21FL

Longitude: -81.761938

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 12-09-18

| Sampling Team Members                                                          |      |                                                                                                                                                                                                                        |                  |                 | WQ Measurements                                  | Sample Collection | Documentation                                                                     | Preservation   | Preservation Check | Sampling Equipment                                    |                                         |                                                                                                                                        |  |  |
|--------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|--------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|----------------|--------------------|-------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--|--|
| The Brian Davis                                                                |      |                                                                                                                                                                                                                        |                  |                 |                                                  |                   |                                                                                   |                |                    | <input checked="" type="checkbox"/> Sample Container  | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole                                                                                               |  |  |
| K. Appleby                                                                     |      |                                                                                                                                                                                                                        |                  |                 |                                                  |                   |                                                                                   |                |                    | <input type="checkbox"/> Carboy                       | <input type="checkbox"/> Syringe        |                                                                                                                                        |  |  |
|                                                                                |      |                                                                                                                                                                                                                        |                  |                 |                                                  |                   |                                                                                   |                |                    | <input type="checkbox"/> Dipper                       | <input type="checkbox"/> Other          |                                                                                                                                        |  |  |
|                                                                                |      |                                                                                                                                                                                                                        |                  |                 |                                                  |                   |                                                                                   |                |                    | Depth Measured with <u>well #1</u>                    |                                         |                                                                                                                                        |  |  |
|                                                                                |      |                                                                                                                                                                                                                        |                  |                 |                                                  |                   |                                                                                   |                |                    | Equipment ID <u>Ortho R+ #3</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 / <u>High</u> / Flooded                 |      |                                                                                                                                                                                                                        |                  |                 | Meter ID# <u>Desi</u>                            |                   |                                                                                   |                |                    | Matrix: Fresh / <u>Marine</u> / DI                    |                                         |                                                                                                                                        |  |  |
| Photos: Yes / <u>No</u>                                                        |      |                                                                                                                                                                                                                        |                  |                 | Flow: No Flow / Intertidal / <u>Flowing</u> / NA |                   |                                                                                   |                |                    | Tide: Rising / Falling / Slack / NA                   |                                         |                                                                                                                                        |  |  |
| Tide Times: High <u>940</u> 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                                                                            | 915  | 1.5                                                                                                                                                                                                                    | 0.3              | 1.1             | 6.05                                             | 62.6              | 6.98                                                                              | 3.26           | 5971               | 16.1                                                  |                                         |                                                                                                                                        |  |  |
| CEN                                                                            | 917  |                                                                                                                                                                                                                        | 1.0              |                 | 6.14                                             | 63.7              | 7.12                                                                              | 3.33           | 6090               | 16.1                                                  |                                         |                                                                                                                                        |  |  |
| 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 |                | SA9203100          | 7/2020                                                | <input checked="" type="checkbox"/> <2  | <div>Contains: 1:1 H2SO4<br/>Lot No.: SA9203100<br/>Expires: 07/22/20<br/>See Safety Data Sheet (SDS)</div> <div>Place Preserved</div> |  |  |
| 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 µm Filter                                                                                                                     |                  |                 |                                                  |                   | <input checked="" type="checkbox"/> Ice                                           |                | R93A86715          |                                                       |                                         |                                                                                                                                        |  |  |
| 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-Cl-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 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:



20030123

TROUT R @ DINSMORE  
BOAT RAMP DOCK NR US 1

Signature:

Date:

12/12/2019

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

(Initials/Date)

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

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: Kim Appleby

Project ID: SMP

Collected By: Brian Davis + Kim ApplebySampling Agency: FDEP NE REC

|           |                                                                                                     |                               |                                       |                                          |              |      |                                          |                     |                                                                   |                           |                 |
|-----------|-----------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|------------------------------------------|--------------|------|------------------------------------------|---------------------|-------------------------------------------------------------------|---------------------------|-----------------|
| Location  | WIN / Field ID:    | <input type="checkbox"/> Comp | Collection (comp begin or grab)       | <input checked="" type="checkbox"/> Grab | Date         | Time | Eastern Central                          | Composite end       | Date                                                              | Time                      | Bottle Group(s) |
| Field ID  | 20030726                                                                                            |                               |                                       |                                          | 12/12/2019   | 1035 |                                          |                     |                                                                   |                           | (See pg 2)      |
| WIN/STORE | MONCRIEF CR AT MONCRIEF ROAD                                                                        |                               | Matrix (type, e.g., Salt, Fresh, etc) |                                          | Diss. Oxygen |      | <input checked="" type="checkbox"/> mg/L | Total Res. Chlorine |                                                                   |                           |                 |
|           |                                                                                                     |                               | Fresh                                 |                                          | 5.07         |      | <input type="checkbox"/> % sat           | (mg/L)              |                                                                   |                           | B               |
| Latitude  | <input type="checkbox"/> dd Longitude                                                               | <input type="checkbox"/> dms  | Temp (C)                              | 16.4                                     | pH           | 7.13 | Sample Depth                             | 0.3                 | <input type="checkbox"/> ft <input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) | 429.8           |
|           |                                                                                                     |                               | Salinity (ppt)                        | 0.21                                     | Comments     |      |                                          |                     |                                                                   |                           |                 |
| Location  | WIN / Field ID:    | <input type="checkbox"/> Comp | Collection (comp begin or grab)       | <input checked="" type="checkbox"/> Grab | Date         | Time | Eastern Central                          | Composite end       | Date                                                              | Time                      | Bottle Group(s) |
| Field ID  | 20030897                                                                                            |                               |                                       |                                          | 12/12/2019   | 1010 |                                          |                     |                                                                   |                           |                 |
| WIN/STOP  | MONCRIEF CR @ 21ST ST                                                                               |                               | Matrix (type, e.g., Salt, Fresh, etc) |                                          | Diss. Oxygen |      | <input type="checkbox"/> mg/L            | Total Res. Chlorine |                                                                   |                           |                 |
|           |                                                                                                     |                               | Fresh                                 |                                          |              |      | <input type="checkbox"/> % sat           | (mg/L)              |                                                                   |                           | F               |
| Latitude  | <input type="checkbox"/> dd Longitude                                                               | <input type="checkbox"/> dms  | Temp (C)                              | 17.8                                     | pH           | 7.17 | Sample Depth                             | 0.13                | <input type="checkbox"/> ft <input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) | 481.7           |
|           |                                                                                                     |                               | Salinity (ppt)                        | 0.23                                     | Comments     |      |                                          |                     |                                                                   |                           |                 |
| Location  | WIN / Field ID:    | <input type="checkbox"/> Comp | Collection (comp begin or grab)       | <input checked="" type="checkbox"/> Grab | Date         | Time | Eastern Central                          | Composite end       | Date                                                              | Time                      | Bottle Group(s) |
| Field ID  | 20030801                                                                                            |                               |                                       |                                          | 12/12/2019   | 1110 |                                          |                     |                                                                   |                           |                 |
| WIN/STORE | BIG FISHWEIR CR SF @ HAMILTON ST                                                                    |                               | Matrix (type, e.g., Salt, Fresh, etc) |                                          | Diss. Oxygen |      | <input checked="" type="checkbox"/> mg/L | Total Res. Chlorine |                                                                   |                           |                 |
|           |                                                                                                     |                               | Fresh                                 |                                          | 2.91         |      | <input type="checkbox"/> % sat           | (mg/L)              |                                                                   |                           | A               |
| Latitude  | <input type="checkbox"/> dd Longitude                                                               | <input type="checkbox"/> dms  | Temp (C)                              | 16.8                                     | pH           | 7.16 | Sample Depth                             | 0.2                 | <input type="checkbox"/> ft <input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) | 2581            |
|           |                                                                                                     |                               | Salinity (ppt)                        | 1.34                                     | Comments     |      |                                          |                     |                                                                   |                           |                 |
| Location  | WIN / Field ID:  | <input type="checkbox"/> Comp | Collection (comp begin or grab)       | <input checked="" type="checkbox"/> Grab | Date         | Time | Eastern Central                          | Composite end       | Date                                                              | Time                      | Bottle Group(s) |
| Field ID  | 20030953                                                                                            |                               |                                       |                                          | 12/12/2019   | 1140 |                                          |                     |                                                                   |                           |                 |
| WIN/STOP  | LITTLE FISHWEIR AT OAK ST.                                                                          |                               | Matrix (type, e.g., Salt, Fresh, etc) |                                          | Diss. Oxygen |      | <input checked="" type="checkbox"/> mg/L | Total Res. Chlorine |                                                                   |                           |                 |
|           |                                                                                                     |                               | Fresh                                 |                                          | 1.20         |      | <input type="checkbox"/> % sat           | (mg/L)              |                                                                   |                           | E               |
| Latitude  | <input type="checkbox"/> dd Longitude                                                               | <input type="checkbox"/> dms  | Temp (C)                              | 16.7                                     | pH           | 8.37 | Sample Depth                             | 0.3                 | <input type="checkbox"/> ft <input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) | 2675            |
|           |                                                                                                     |                               | Salinity (ppt)                        | 1.41                                     | Comments     |      |                                          |                     |                                                                   |                           |                 |

|                   |                      |                 |                            |              |           |
|-------------------|----------------------|-----------------|----------------------------|--------------|-----------|
| Relinquished By:  | Date/Time            | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
| <u>K. Appleby</u> | <u>12/12/19 1600</u> | <u>Fed Ex</u>   | <u>2</u>                   |              |           |



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

Bmap 2

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: Kim Appleby

Project ID: SMP

Collected By: Brian Davis & Kim ApplebySampling Agency: FDEP NE ROC

|              |                                                                                                   |                                                                           |                                                                           |                                                                                 |                                                                            |                                          |
|--------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------|
| Location     | WIN / Field ID:  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>12/12/2019</u> Time <u>930</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     | 20030753                                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                           | Diss. Oxygen<br><u>5.12</u>                                                     | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)            |
| WIN/STORE    | TROUT RIVER AT<br>OLD KINGS RD                                                                    | Temp<br>(C) <u>16.0</u>                                                   | pH <u>6.60</u>                                                            | Sample Depth<br><u>0.3</u>                                                      | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) <u>—</u>    |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                       | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) <u>0.08</u>                                                   | Comments                                                                   |                                          |
| Location     | WIN / Field ID:  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>12/12/2019</u> Time <u>915</u> | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                          |
| Field ID     | 20030123                                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Salt</u>                      |                                                                           | Diss. Oxygen<br><u>6.05</u>                                                     | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) <u>—</u>   |
| WIN/STORE    | TROUT R @ DINSMORE<br>BOAT RAMP DOCK NR US 1                                                      | Temp<br>(C) <u>16.1</u>                                                   | pH <u>6.98</u>                                                            | Sample Depth<br><u>0.3</u>                                                      | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) <u>5971</u> |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                       | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) <u>3.26</u>                                                   | Comments                                                                   |                                          |
| 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<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                              |                                          |
| WIN/STORET # |                                                                                                   | Temp<br>(C)                                                               | pH                                                                        | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance<br>(umho/cm)                                               |                                          |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                       | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                                               | Comments                                                                   |                                          |
| 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<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                              |                                          |
| WIN/STORET # |                                                                                                   | Temp<br>(C)                                                               | pH                                                                        | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance<br>(umho/cm)                                               |                                          |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                       | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                                               | Comments                                                                   |                                          |

|                                       |                                   |                                  |                                        |              |           |
|---------------------------------------|-----------------------------------|----------------------------------|----------------------------------------|--------------|-----------|
| Relinquished By:<br><u>R. Appleby</u> | Date/Time<br><u>12/12/19 1600</u> | Shipping Method<br><u>Fed Ex</u> | Number of Coolers Shipped:<br><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 | <u>1</u>                   |
|          | ALKALINITY   |                |                 |               |               |                                     |                            |
|          | TURBIDITY    |                |                 |               |               |                                     |                            |
|          | W-CL-IC      |                |                 |               |               |                                     |                            |
|          | W-COLOR      |                |                 |               |               |                                     |                            |
|          | W-F          |                |                 |               |               |                                     |                            |
|          | W-SO4-IC     |                |                 |               |               |                                     |                            |
|          | W-TDS        |                |                 |               |               |                                     |                            |
|          | W-TSS        |                |                 |               |               |                                     |                            |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>                   |
|          | CHLSUITE-W   |                |                 |               |               |                                     |                            |
| Group: A | Bottle Type: | P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>2 -&gt; Sent to ALS</u> |
|          | NE-ALS-ECQ   |                |                 |               |               |                                     |                            |
| Group: A | Bottle Type: | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>                   |
|          | PCR-HF183    |                |                 |               |               |                                     |                            |
| Group: A | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>                   |
|          | W-E8321-DI   |                |                 |               |               |                                     |                            |
|          | W-E8321-MS   |                |                 |               |               |                                     |                            |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>1</u>                   |
|          | W-NH3        |                |                 |               |               |                                     |                            |
|          | W-NO2NO3     |                |                 |               |               |                                     |                            |
|          | W-S-A-TP     |                |                 |               |               |                                     |                            |
|          | W-TKN        |                |                 |               |               |                                     |                            |
|          | W-TOC        |                |                 |               |               |                                     |                            |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | <u>1</u>                   |
|          | W-PO4-F      |                |                 |               |               |                                     |                            |
| Group: B | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>                   |
|          | ALKALINITY   |                |                 |               |               |                                     |                            |
|          | TURBIDITY    |                |                 |               |               |                                     |                            |
|          | W-CL-IC      |                |                 |               |               |                                     |                            |
|          | W-COLOR      |                |                 |               |               |                                     |                            |
|          | W-F          |                |                 |               |               |                                     |                            |
|          | W-SO4-IC     |                |                 |               |               |                                     |                            |

|          |                                                                    |                |                 |                             |                                     |                        |
|----------|--------------------------------------------------------------------|----------------|-----------------|-----------------------------|-------------------------------------|------------------------|
| Group: B | Bottle Type:<br>W-TDS<br>W-TSS                                     | P-1L           | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>               |
| Group: B | Bottle Type:<br>CHLSUITE-W                                         | BP-1L          | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>               |
| Group: B | Bottle Type:<br>NE-ALS-ECQ                                         | P-120ML-WC-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>2 → sent to ALS</u> |
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                   | P-500ML        | # of Bottles: 1 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab | <u>1</u>               |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC    | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>1</u>               |
| Group: B | Bottle Type:<br>W-PO4-F                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | <u>1</u>               |
| Group: C | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-BR-IC<br>W-F<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>               |
| Group: C | Bottle Type:<br>CHLSUITE-W                                         | BP-1L          | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>1</u>               |
| Group: C | Bottle Type:<br>NE-ALS-ENQ                                         | P-120ML-WC-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>2 → sent to ALS</u> |
| Group: C | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP                      | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>1</u>               |



|          |              |                |                 |                             |                                     |                 |
|----------|--------------|----------------|-----------------|-----------------------------|-------------------------------------|-----------------|
| Group: C | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1               |
|          | W-TKN        |                |                 |                             |                                     |                 |
|          | W-TOC        |                |                 |                             |                                     |                 |
| Group: C | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1               |
|          | W-PO4-F      |                |                 |                             |                                     |                 |
| Group: D | 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: D | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1               |
|          | CHLSUITE-W   |                |                 |                             |                                     |                 |
| Group: D | Bottle Type: | P-120ML-WC-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 2 → sent to ALS |
|          | NE-ALS-ECQ   |                |                 |                             |                                     |                 |
| Group: D | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1               |
|          | W-NH3        |                |                 |                             |                                     |                 |
|          | W-NO2NO3     |                |                 |                             |                                     |                 |
|          | W-S-A-TP     |                |                 |                             |                                     |                 |
|          | W-TKN        |                |                 |                             |                                     |                 |
|          | 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-120ML-WC-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 2 → sent to ALS |
|          | NE-ALS-ECQ   |                |                 |                             |                                     |                 |
| 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   |                |                 |                             |                                     |                 |

|            |              |                |                 |               |     |                                     |                        |
|------------|--------------|----------------|-----------------|---------------|-----|-------------------------------------|------------------------|
| Group: E   | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>7</u>               |
| W-E8321-MS |              |                |                 |               |     |                                     |                        |
| Group: F   | Bottle Type: | P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>2 - sent to ALS</u> |
| NE-ALS-ECQ |              |                |                 |               |     |                                     |                        |