

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

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

Meter ID: YSI Pro DSS RQ: 2019-05-13-17 Project: RMAP 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 \_\_\_\_\_

| DO DEP SOP FT 1500 | Name         | Date    | Time CT-ET | Temp °C | Baro-meter mmHg | D.O. Chart mg/L | Meter D.O. mg/L | % DO  | Probe Charge | Probe Gain | Pass / Fail                          | Lab / Field                          |
|--------------------|--------------|---------|------------|---------|-----------------|-----------------|-----------------|-------|--------------|------------|--------------------------------------|--------------------------------------|
| Calibr.            | A Kalmbacher | 5-14-19 | 0905       | 21.9    | 756             | 8.8             | 8.7             | 101.9 | —            | —          | P/F                                  | L/F                                  |
| ICV                |              | ↓       | 0907       | 22.1    | 756             | 8.7             | 8.69            | 99.5  | —            | —          | <input checked="" type="radio"/> P/F | <input checked="" type="radio"/> L/F |
| CCV                |              | ↓       | 1415       | 25.0    | 755             | 8.2             | 8.22            | 99.6  | —            | —          | <input checked="" type="radio"/> P/F | <input checked="" type="radio"/> L/F |
| CCV                | A Kalmbacher |         |            |         |                 |                 |                 |       |              |            | 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. Cond. FT 1200 | Name         | Date    | Time CT-ET | Lot #   | Expir. Date | Standard $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail                          | Lab / Field                          |
|---------------------|--------------|---------|------------|---------|-------------|------------------------|-----------------------------|--------------------------------------|--------------------------------------|
| Calibr.             | A Kalmbacher | 5-14-19 | 0909       | 190430A | 5/2020      | 1,000                  | 1,000                       | P/F                                  | L/F                                  |
| ICV                 |              | ↓       | 0910       | 190125A | 2/2020      | 100                    | 102                         | <input checked="" type="radio"/> P/F | <input checked="" type="radio"/> L/F |
| CCV                 | A Kalmbacher | ↓       | 1417       | 190430A | 5/2020      | 1,000                  | 999                         | <input checked="" type="radio"/> P/F | <input checked="" type="radio"/> L/F |
| CCV                 |              |         |            |         |             |                        |                             | P/F                                  | L/F                                  |

Conductivity Acceptance criteria  $\pm 5\%$

| pH DEP SOP FT 1100 | Name         | Date    | Time CT-ET | Lot #   | Expir. Date | pH Buffer SU | Temp °C | Meter reading SU | mV    | Pass / Fail                          | Lab / Field                          |
|--------------------|--------------|---------|------------|---------|-------------|--------------|---------|------------------|-------|--------------------------------------|--------------------------------------|
| Calibr.            | A Kalmbacher | 5-14-19 | 0915       | 2811E61 | 11/2020     | 7.           | 24.4    | 7.01             | 51.0  | P/F                                  | L/F                                  |
| Calibr.            |              | ↓       | 0918       | 2901A40 | 1/2021      | 4.           | 24.4    | 4.00             | 128.6 | P/F                                  | L/F                                  |
| Calibr.            |              | ↓       | 0920       | 2809980 | 3/2020      | 10.          | 24.3    | 10.01            | 224.4 | P/F                                  | L/F                                  |
| ICV                |              | ↓       | 0923       | 2811E61 | 11/2020     | 10.0         | 24.3    | 9.99             | 224.1 | <input checked="" type="radio"/> P/F | <input checked="" type="radio"/> L/F |
| CCV                | A Kalmbacher | ↓       | 1425       | 2811E61 | 11/2020     | 7.0          | 24.3    | 7.12             | 55.4  | <input checked="" type="radio"/> P/F | <input checked="" type="radio"/> L/F |
| CCV                |              |         |            |         |             |              |         |                  |       | P/F                                  | L/F                                  |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ; mV pH 4 Range  $+180 \pm 50$ ; mV pH 10 Range  $-180 \pm 50$ ;

If mV are recorded: slope from 7 to 10 173.4, slope from 4 to 7 177.6 (both must be between 165 and 180 mV)

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

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

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

| Depth Sensor (Daily Calibration & ICV) | Name         | Date    | Time CT-ET | Calibrated Value (0.00 or Offset), meters | ICV Value, meters | Pass / Fail                          | Lab / Field                          |
|----------------------------------------|--------------|---------|------------|-------------------------------------------|-------------------|--------------------------------------|--------------------------------------|
| Pressure mode in air                   | A Kalmbacher | 5-14-19 | 0925       | 0.00                                      | 0.00              | <input checked="" type="radio"/> P/F | <input checked="" type="radio"/> L/F |

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

COMMENTS:



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: BIG FISHWEIR CR SF @ HAMILTON ST

Date: 5-14-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030801

WBID: 2280A

Latitude: 30.29315

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: 81.72209

(Decimal Degrees)

Receiving Body of Water: SJR

RQ-2019- 05-13-17

| Sampling Team Members         |  |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------|--|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Cheyanne Ruben                |  |  |  |  |  | X               | X                 |               |              |                    |
| Cheyanne Ruben Amy Kalmbacher |  |  |  |  |  |                 | X                 | X             |              |                    |

  

| Sampling Equipment                                   |                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn <input checked="" type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe                                           |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                                             |
| Depth Measured with <u>meter</u>                     |                                                                            |
| Equipment ID <u>Ortho Kit 44</u>                     |                                                                            |

  

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

  

| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded |      |                                                  |                  |                                  |           | Meter ID# <u>PRO DSS</u> |      | Matrix: <u>Fresh</u> Marine / DI |                    |            |
|----------------------------------------------------------------|------|--------------------------------------------------|------------------|----------------------------------|-----------|--------------------------|------|----------------------------------|--------------------|------------|
| Photos: Yes / <u>No</u>                                        |      | Flow: No Flow / Intestinal / <u>Flowing</u> / NA |                  | Tide: Rising/ Falling/ Slack/ NA |           | Tide Times: High 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                                                            | 1100 | 0.2                                              | 0.1              | 0.2                              | 3.50      | 349                      | 7.48 | 0.53                             | 1078               | 23.6       |
| CEN                                                            |      |                                                  |                  | S                                |           | 40.9                     |      |                                  |                    |            |

  

|                                                                              |  |          |  |        |  |         |  |                |  |        |  |
|------------------------------------------------------------------------------|--|----------|--|--------|--|---------|--|----------------|--|--------|--|
| 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>BA8344070</u> | <u>12/19</u> | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <u>CR</u>                                                                                                                                        | <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                                           | <u>29BA86775</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-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<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:



20030801

BIG FISHWEIR CR SF  
@ HAMILTON ST

Signature: A. Kalmbacher

Date: 5-14-2019

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: MC 5/17/2019

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets 15-14-2019 (Initials/Date)

Migrate Data to WIN: (Initials/Date)

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: 5-14-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030953

WBID: 2280A

Latitude: 30.29466

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: 81.70919

(Decimal Degrees)

Receiving Body of Water: Big Fishweir Cr

RQ-2019- 05-13-17

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Cheyanne Ruben        |  |  |  |  |                 |                   |               |              |                    |
| Amy Kalmbacher        |  |  |  |  |                 |                   |               |              |                    |

  

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

  

| 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>YSL Pro DSS</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 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       | <u>1135</u> | <u>.47</u>      | <u>0.3</u>       | <u>0.47</u>     | <u>3.15</u> | <u>36.5</u> | <u>7.21</u> | <u>0.21</u>    | <u>447</u>         | <u>22.7</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 type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                        | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4 |      |            | <input type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                             | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3  |      |            | <input type="checkbox"/> <2 |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                     | <input type="checkbox"/> Ice                                |      |            |                             |
| Chlorophyll                 | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                         | <input type="checkbox"/> Ice                                |      |            |                             |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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 type="checkbox"/> Ice                                |      |            |                             |
| Tracers                     | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" 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                                |      |            |                             |

Place Preservative Sticker(s) Here  
(If Available)

|                                 |                                 |
|---------------------------------|---------------------------------|
| Notes:                          | WIN / Field ID: <u>20030953</u> |
|                                 | LITTLE FISHWEIR AT OAK ST.      |
| Signature: <u>A. Kalmbacher</u> | Date: <u>5-14-2019</u>          |

|                                                                            |                                                    |
|----------------------------------------------------------------------------|----------------------------------------------------|
| UMS EVENT ID: _____                                                        | WIN Import ID: _____                               |
| Enter Field Parameters, Verify Station ID in LIMS DMT: <u>MC 5/17/2019</u> | QC Station ID, Field Parameters in LIMS DMT: _____ |
| Scan/Save Field Sheets <u>5-14-2019</u>                                    | Migrate Data to WIN: _____                         |
| (Initials/Date)                                                            | (Initials/Date)                                    |
| 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: TROUT R @ DINSMORE BOAT RAMP DOCK NR US 1

Date: 05-14-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030123

WBID: 2203B

Latitude: 30.43627

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.76193

(Decimal Degrees)

Receiving Body of Water: SJR

RQ-2019- 05-13-17

| Sampling Team Members |  |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Cheyanne Ruben        |  |  |  |  |  |                 |                   |               |              |                    |
| Amy Kalmbacher        |  |  |  |  |  |                 |                   |               |              |                    |

  

| Sampling Equipment                                   |                                   |
|------------------------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |
| Depth Measured with <u>meter</u>                     |                                   |
| Equipment ID <u>ortho kit 44</u>                     |                                   |

  

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

  

|                                                                |                                                  |                                    |
|----------------------------------------------------------------|--------------------------------------------------|------------------------------------|
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded | Meter ID# <u>SI Pro DSS</u>                      | Matrix: Fresh / <u>Marine</u> / DI |
| Photos: Yes / <u>No</u>                                        | Flow: No Flow / Intestinal / <u>Flowing</u> / NA | Tide: Rising/ falling/ Slack/ NA   |
| Tide Times: High                                               | Low                                              |                                    |

  

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 1255 | 40              | 0.30             | 40              | 4.96      | 64        | 6.90 | 3.29           | 6076               | 27         |
| 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 checked="" type="checkbox"/> H2SO4 | SAB344070 | 12/19      | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                               | <input checked="" type="checkbox"/> Ice                                           | 190A10875 |            |                                        |
| 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                             | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input checked="" type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Tracers                     | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-CARB-AA     | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                         | <input type="checkbox"/> Ice                                                      |           |            |                                        |

Notes:

WIN / Field ID:



20030123

TROUT R @ DINSMORE  
BOAT RAMP DOCK NR US 1

Signature:

Date:

5-14-2019

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

MC 5/17/2019

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

5-14-2019

Migrate Data to WIN:

Verify Data in WIN:

(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 AT MONCRIEF RD

Date: 05-14-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030726

WBID: 2228B

Latitude: 30.37027

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.68383

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 05-13-17

| Sampling Team Members |  |  |  |  | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------|--------------------|
| Cheyanne Ruben        |  |  |  |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |              |                    |
| Amy Kalmbacher        |  |  |  |  |                                     | <input checked="" type="checkbox"/> |                                     |              |                    |

| Sampling Equipment                                   |                                   |
|------------------------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |
| Depth Measured with <u>meter</u>                     |                                   |
| Equipment ID <u>Ortho # 44</u>                       |                                   |

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

| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded |      |                                                  |                  |                 | Meter ID# <u>PRO DSS</u>                |           |      | Matrix: <u>Fresh</u> / Marine / DI |                    |            |
|----------------------------------------------------------------|------|--------------------------------------------------|------------------|-----------------|-----------------------------------------|-----------|------|------------------------------------|--------------------|------------|
| Photos: Yes / <u>No</u>                                        |      | Flow: No Flow / Intestinal / <u>Flowing</u> / NA |                  |                 | Tide: Rising/ Falling/ Slack/ <u>NA</u> |           |      | Tide Times: High Low               |                    |            |
| Time Zone                                                      | Time | Total Depth (m)                                  | Sample Depth (m) | Secchi Disk (m) | DO (mg/L)                               | DO (%SAT) | pH   | Salinity (PPTH)                    | Sp COND (µmhos/cm) | Temp. (C°) |
| EST                                                            | 1205 | 0.40                                             | 0.2              | 0.4             | 3.49                                    | 425%      | 7.18 | 0.38                               | 786                | 24.9       |
| CEN                                                            |      |                                                  |                  | 5               |                                         |           |      |                                    |                    |            |

| 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>SA83244070</u> | <u>12/19</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>NA8344050</u>  | <u>12/19</u> | <input checked="" type="checkbox"/> <2 |  |  |
| Filtered Nutrients                                                           | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                   |          |        |         | <input checked="" type="checkbox"/> Ice                                           | <u>R90A6875</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-CI-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                                                                                                                            |          |        |         |                                                                                   |                   |              |                                        |  |  |
| 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                                                                                                                       |          |        |         |                                                                                   |                   |              |                                        |  |  |
| Phytoplankton                                                                | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                             |          |        |         |                                                                                   |                   |              |                                        |  |  |

Notes:

WIN / Field ID:



20030726

MONCRIEF CR AT MONCRIEF ROAD

Signature: Cheyanne Ruben

Date: 5/14/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: MC 5/17/2019

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)

(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: 05-14-2019

(mm/dd/yyyy)

WIN/ Field ID: 20030897

WBID: 2228B

Latitude: 30.35666

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.69108

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 05-13-17

| Sampling Team Members                                                        |      |                                                                                                                                                                                                                                                                                     |                  |                 | WQ Measurements                     | Sample Collection                                           | Documentation | Preservation           | Preservation Check | Sampling Equipment                                   |                                         |                                          |  |  |
|------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-------------------------------------|-------------------------------------------------------------|---------------|------------------------|--------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------|--|--|
| Cheyanne Ruben                                                               |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     | X                                                           |               |                        |                    | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole |  |  |
| Amy Kalmbacher                                                               |      |                                                                                                                                                                                                                                                                                     |                  |                 | X                                   |                                                             | X             |                        |                    | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe        |                                          |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other          |                                          |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    | Depth Measured with <u>meter</u>                     |                                         |                                          |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    | Equipment ID <u>Ortho 12144</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>YSTADSS</u>            |                                                             |               |                        |                    | Matrix: <u>Fresh</u> / Marine / DI                   |                                         |                                          |  |  |
| Photos: Yes / <u>No</u>                                                      |      | Flow: No Flow / Intestinal / <u>Flowing</u> / NA                                                                                                                                                                                                                                    |                  |                 | Tide: Rising / Falling / Slack / NA |                                                             |               | Tide Times: High / Low |                    |                                                      |                                         |                                          |  |  |
| Time Zone                                                                    | Time | Total Depth (m)                                                                                                                                                                                                                                                                     | Sample Depth (m) | Secchi Disk (m) | DO (mg/L)                           | DO (%SAT)                                                   | pH            | Salinity (PPT)         | Sp COND (umhos/cm) | Temp. (C°)                                           |                                         |                                          |  |  |
| EST                                                                          | 1230 | .07                                                                                                                                                                                                                                                                                 | .03              | .07             | 2.5                                 | 29.3                                                        | 7.03          | 0.22                   | 465                | 23.3                                                 |                                         |                                          |  |  |
| CEN                                                                          |      |                                                                                                                                                                                                                                                                                     |                  | S               |                                     |                                                             |               |                        |                    |                                                      |                                         |                                          |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    |                                                      |                                         |                                          |  |  |
| SBIO ID Numbers:                                                             |      | SBIO-ID:                                                                                                                                                                                                                                                                            |                  | HA-ID:          |                                     | RPS-ID:                                                     |               | Macrophyte-ID:         |                    | LIMS#:                                               |                                         |                                          |  |  |
| Parameter Suite                                                              |      | Parameter Methods                                                                                                                                                                                                                                                                   |                  |                 |                                     | Preservation                                                |               | Lot#                   | Expiration         | pH Check                                             |                                         |                                          |  |  |
| Preserved Nutrients                                                          |      | <input type="checkbox"/> W-NH3 / <input type="checkbox"/> W-NO2NO3 / <input type="checkbox"/> W-TKN / <input type="checkbox"/> W-TOC / <input type="checkbox"/> W-S-A-TP                                                                                                            |                  |                 |                                     | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4 |               |                        |                    | <input type="checkbox"/> <2                          |                                         |                                          |  |  |
| Metals                                                                       |      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                                     |                  |                 |                                     | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3  |               |                        |                    | <input type="checkbox"/> <2                          |                                         |                                          |  |  |
| Filtered Nutrients                                                           |      | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                                                                                             |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Chlorophyll                                                                  |      | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                 |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Physical/Aggregate (Fresh)                                                   |      | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY / <input type="checkbox"/> W-Cl-IC / <input type="checkbox"/> W-COLOR / <input type="checkbox"/> W-SO4-IC / <input type="checkbox"/> W-TDS |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Physical/Aggregate (Marine)                                                  |      | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-BR-IC / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY                                                                                                         |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Macroinvertebrates                                                           |      | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                 |                  |                 |                                     | <input type="checkbox"/> Formalin                           |               |                        |                    |                                                      |                                         |                                          |  |  |
| Periphyton                                                                   |      | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                   |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Microbiology                                                                 |      | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                     |                  |                 |                                     | <input checked="" type="checkbox"/> Ice                     |               |                        |                    |                                                      |                                         |                                          |  |  |
| Molecular                                                                    |      | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD                                                                    |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Tracers                                                                      |      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                             |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Pesticides                                                                   |      | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA                                                              |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Phytoplankton                                                                |      | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                                 |                  |                 |                                     | <input type="checkbox"/> Ice                                |               |                        |                    |                                                      |                                         |                                          |  |  |
| Notes:                                                                       |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    |                                                      |                                         |                                          |  |  |
| WIN / Field ID: <u>20030897</u>                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    |                                                      |                                         |                                          |  |  |
| MONCRIEF CR @ 21ST ST                                                        |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    |                                                      |                                         |                                          |  |  |
| Signature: <u>A. Kalmbacher</u>                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |                                     |                                                             |               |                        |                    | Date: <u>5-14-2019</u>                               |                                         |                                          |  |  |

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: MC 5/17/2019

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets 5-14-2019 Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

Bmap 2

Customer: NE-DIST

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

Project ID: SMP

Collected By: C. Ruben / A. KalmbacherSampling Agency: FDEP DEAR NE RCC

WIN / Field ID:



20030801

**BIG FISHWEIR CR SF**  
**@ HAMILTON ST**

Latitude

☐ dd

Longitude

☐ dd☐ dms☐ dms

WIN / Field ID:



20030953

**LITTLE FISHWEIR AT OAK ST.**

Latitude

☐ dd

Longitude

☐ dd☐ dms☐ dms

WIN / Field ID:



20030726

**MONCRIEF CR AT MONCRIEF ROAD**

Latitude

☐ dd

Longitude

☐ dd☐ dms☐ dms

WIN / Field ID:



20030897

**MONCRIEF CR @ 21ST ST**

Latitude

☐ dd

Longitude

☐ dd☐ dms☐ dms

|                                                                           |                                                                         |                             |                                                                            |                                          |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------|------------------------------------------|
| <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>5/14/19</u> Time <u>1100</u> | <u>Eastern</u><br>Central   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)            |
| Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                         | Diss. Oxygen<br><u>3.50</u> | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)<br>—          |
| Temp (C)<br><u>23.6</u>                                                   | pH<br><u>7.48</u>                                                       | Sample Depth<br><u>0.1</u>  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><u>1078</u> |
| Salinity (ppt)<br><u>0.53</u>                                             |                                                                         |                             |                                                                            |                                          |
| Comments                                                                  |                                                                         |                             |                                                                            |                                          |
| <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>5/14/19</u> Time <u>1135</u> | <u>Eastern</u><br>Central   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                          |
| Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                         | Diss. Oxygen<br><u>3.15</u> | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)<br>—          |
| Temp (C)<br><u>22.7</u>                                                   | pH<br><u>7.21</u>                                                       | Sample Depth<br><u>0.3</u>  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><u>447</u>  |
| Salinity (ppt)<br><u>0.21</u>                                             |                                                                         |                             |                                                                            |                                          |
| Comments                                                                  |                                                                         |                             |                                                                            |                                          |
| <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>5/14/19</u> Time <u>1205</u> | <u>Eastern</u><br>Central   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                          |
| Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                         | Diss. Oxygen<br><u>3.49</u> | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)<br>—          |
| Temp (C)<br><u>24.9</u>                                                   | pH<br><u>7.18</u>                                                       | Sample Depth<br><u>0.2</u>  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><u>786</u>  |
| Salinity (ppt)<br><u>0.38</u>                                             |                                                                         |                             |                                                                            |                                          |
| Comments                                                                  |                                                                         |                             |                                                                            |                                          |
| <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>5/14/19</u> Time <u>1230</u> | <u>Eastern</u><br>Central   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                          |
| Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                         | Diss. Oxygen<br><u>2.5</u>  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)<br>—          |
| Temp (C)<br><u>23.3</u>                                                   | pH<br><u>7.03</u>                                                       | Sample Depth<br><u>0.03</u> | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><u>465</u>  |
| Salinity (ppt)<br><u>0.22</u>                                             |                                                                         |                             |                                                                            |                                          |
| Comments                                                                  |                                                                         |                             |                                                                            |                                          |

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Chyan R5/14/19 1500Fedex2

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

|          |              |                |                 |               |               |                                     |   |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: B | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | W-TDS        |                |                 |               |               |                                     |   |
|          | W-TSS        |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ECOLI-18QT   |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1 |
|          | W-ICP        |                |                 |               |               |                                     |   |
|          | W-ICPMS      |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |
|          | W-NH3        |                |                 |               |               |                                     |   |
|          | W-NO2NO3     |                |                 |               |               |                                     |   |
|          | W-S-A-TP     |                |                 |               |               |                                     |   |
|          | W-TKN        |                |                 |               |               |                                     |   |
|          | W-TOC        |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PO4-F      |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ALKALINITY   |                |                 |               |               |                                     |   |
|          | TURBIDITY    |                |                 |               |               |                                     |   |
|          | W-BR-IC      |                |                 |               |               |                                     |   |
|          | W-F          |                |                 |               |               |                                     |   |
|          | W-TSS        |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ENT-24-QT    |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | PCR-HF183    |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | W-E8321-DI   |                |                 |               |               |                                     |   |

|          |                                                                                                    |                |                 |                             |                                     |             |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|-------------------------------------|-------------|
| Group: C | Bottle Type:<br>W-E8321-MS                                                                         | BG-500ML       | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1           |
| Group: C | 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 | 1           |
| Group: C | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1           |
| Group: D | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | Not Sampled |
| Group: D | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | Not Sampled |
| Group: D | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | Not Sampled |
| Group: D | 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 | Not Sampled |
| Group: D | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | Not Sampled |
| Group: E | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1           |

|          |                                                   |                 |                   |                                     |
|----------|---------------------------------------------------|-----------------|-------------------|-------------------------------------|
| Group: E | Bottle Type: QPCR-P-500ML<br>PCR-HF183            | # of Bottles: 1 | Preservative: ICE | Enter Number of Bottles Sent to Lab |
| Group: E | Bottle Type: BG-500ML<br>W-E8321-DI<br>W-E8321-MS | # of Bottles: 1 | Preservative: ICE | Enter Number of Bottles Sent to Lab |
| Group: F | Bottle Type: P-250ML-WO-THI<br>ECOLI-18QT         | # of Bottles: 1 | Preservative: ICE | Enter Number of Bottles Sent to Lab |

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Bmap 2

Customer: NE-DIST

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

Project ID: SMP

Collected By: C. Ruben / A. KalmbacherSampling Agency: FDEP DEAR NE RGC

|                                                                                                                                      |                                                                           |                                                                         |                                                                                 |                                        |                               |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------|-------------------------------|
| WIN / Field ID: <br>20030123                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>5/14/19</u> Time <u>1255</u> | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____ | Bottle Group(s)<br>(See pg 2) |
| TROUT R @ DINSMORE<br>BOAT RAMP DOCK NR US 1                                                                                         | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Salt</u>                      | Diss. Oxygen<br><u>4.96</u>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine<br>(mg/L) _____    | C                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Temp (C) <u>27.0</u>                                                      | pH <u>6.90</u>                                                          | Sample Depth <u>0.3</u>                                                         | Sp. Conductance (umho/cm) <u>6076</u>  |                               |
|                                                                                                                                      | Salinity (ppt) <u>3.29</u>                                                | Comments                                                                |                                                                                 |                                        |                               |
| WIN / Field ID: <br>20030753                        | <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)               |
| TROUT RIVER AT<br>OLD KINGS RD                                                                                                       | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                                            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 | Total Res. Chlorine (mg/L)             | D                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Temp (C)                                                                  | pH                                                                      | Sample Depth <input type="checkbox"/> ft <input type="checkbox"/> m             | Sp. Conductance (umho/cm)              |                               |
|                                                                                                                                      | Salinity (ppt)                                                            | Comments                                                                |                                                                                 |                                        |                               |
|                                                                                                                                      | DID NOT SAMPLE - NO FLOW                                                  |                                                                         |                                                                                 |                                        |                               |
| Location                                                                                                                             | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            | Composite end<br>Date _____ Time _____ | Bottle Group(s)               |
| Field ID                                                                                                                             | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                                            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 | Total Res. Chlorine (mg/L)             |                               |
| WIN/STORET #                                                                                                                         | Temp (C)                                                                  | pH                                                                      | Sample Depth <input type="checkbox"/> ft <input type="checkbox"/> m             | Sp. Conductance (umho/cm)              |                               |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Salinity (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                                                            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 | Total Res. Chlorine (mg/L)             |                               |
| WIN/STORET #                                                                                                                         | Temp (C)                                                                  | pH                                                                      | Sample Depth <input type="checkbox"/> ft <input type="checkbox"/> m             | Sp. Conductance (umho/cm)              |                               |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Salinity (ppt)                                                            | Comments                                                                |                                                                                 |                                        |                               |

|                                 |                           |                               |                                     |                    |                  |
|---------------------------------|---------------------------|-------------------------------|-------------------------------------|--------------------|------------------|
| Relinquished By: <u>Chapman</u> | Date/Time: <u>5/14/19</u> | Shipping Method: <u>Fedex</u> | Number of Coolers Shipped: <u>2</u> | Received By: _____ | Date/Time: _____ |
|---------------------------------|---------------------------|-------------------------------|-------------------------------------|--------------------|------------------|