

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

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

Meter ID:

YSI #3

RQ:

2019-05-27-11

Project:

Algae Bloom Resp. LSVR coast

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.            | J Parnish | 5/30/19 | 725        | 24.2    | 760             | 8.4             | 8.4             | 100   | —            | —          | P/F         | L/F         |
| ICV                | J         | ↓       | 727        | 24.2    | 760             | 8.4             | 8.43            | 100.7 | —            | —          | P/F         | L/F         |
| CCV                | C Ruben   | ↓       | 1445       | 25.0    | 760             | 8.8             | 8.5             | 103   | —            | —          | P/F         | L/F         |
| CCV                |           |         |            |         |                 |                 |                 |       |              |            | P/F         | L/F         |

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

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

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

| Spec. Cond. FT 1200 | Name      | Date    | Time CT-ET | Lot #   | Expir. Date | Standard $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail | Lab / Field |
|---------------------|-----------|---------|------------|---------|-------------|------------------------|-----------------------------|-------------|-------------|
| Calibr.             | J Parnish | 5/30/19 | 730        | 120430A | 5/20        | 1000                   | 1000                        | P/F         | L/F         |
| ICV                 | J         | 5/30/19 | 731        | 147430  | 12/19       | 149                    | 149                         | P/F         | L/F         |
| CCV                 | C Ruben   | ↓       | 1450       | 180919  | 2/2019      | 50,000                 | 49720                       | P/F         | 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.            | J Parnish | 5/30/19 | 735        | 2811E61  | 11/20       | 7.00         | 24.8    | 7.00             | 33.1  | P/F         | L/F         |
| Calibr.            | J         |         | 736        | 21041300 | 3/21        | 4.00         | 24.8    | 4.00             | 1467  | P/F         | L/F         |
| Calibr.            | J         |         | 738        | 2901B51  | 7/20        | 10.00        | 24.8    | 9.98             | 204.2 | P/F         | L/F         |
| ICV                | J         |         | 741        | 2904B00  | 3/21        | 4.00         | 24.8    | 4.01             | 146   | P/F         | L/F         |
| CCV                | C Ruben   | ↓       | 1455       | 2811E61  | 11/20       | 7.0          | 24.6    | 6.95             | -28.2 | P/F         | L/F         |
| CCV                |           |         |            |          |             |              |         |                  |       | P/F         | L/F         |

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

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

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

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

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

| Depth Sensor (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                   | J Parnish | 5/30/19 | 745        | 0.00                                      | 0.90              | P/F         | L/F         |

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

## COMMENTS:

CR 5/30/19



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: DEER CR @ TALLEYRAND AVE

Date: 5/30/19  
(mm/dd/yyyy)

WIN/ Field ID: 20030792

WBID: 2256

Latitude: 30.341528

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.629417

(Decimal Degrees)

Receiving Body of Water: SJR

RQ-2019- 05-27-11

| Sampling Team Members                                                        |      |                                                                                                                                                                                                                                                                                     |                  |                 |           | WQ Measurements                                                                   | Sample Collection                              | Documentation                  | Preservation                         | Preservation Check                      | Sampling Equipment                                   |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
|------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------|-----------------------------------------------------------------------------------|------------------------------------------------|--------------------------------|--------------------------------------|-----------------------------------------|------------------------------------------------------|--------------------------------------------|------------------------------------------|--|--|--|--|------------------------|--|--|--|--|--|
| C Ruben<br>J Parrish                                                         |      |                                                                                                                                                                                                                                                                                     |                  |                 |           | X                                                                                 | X                                              | X                              | X                                    | X                                       | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn          | <input checked="" type="checkbox"/> Pole |  |  |  |  |                        |  |  |  |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                                |                                |                                      |                                         | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe           |                                          |  |  |  |  |                        |  |  |  |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                                |                                |                                      |                                         | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other             |                                          |  |  |  |  |                        |  |  |  |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                                |                                |                                      |                                         | Depth Measured with <u>meter</u>                     |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Equipment ID <u>Ortho #44</u>                                                |      |                                                                                                                                                                                                                                                                                     |                  |                 |           | Collection Method                                                                 |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |           | <input checked="" type="checkbox"/> Wading                                        | <input checked="" type="checkbox"/> From Shore | <input type="checkbox"/> Other | <input type="checkbox"/> Canoe/Kayak | <input type="checkbox"/> Electric Motor | <input type="checkbox"/> Gasoline Motor              |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
|                                                                              |      |                                                                                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Water Level: Dry/ Pooled <u>Low</u> / Normal / High / Flooded                |      |                                                                                                                                                                                                                                                                                     |                  |                 |           | Meter ID# <u>YSI #3</u>                                                           |                                                |                                |                                      |                                         |                                                      | Matrix: Fresh / <u>Marine</u> / 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                                                                          | 1335 | 0.5                                                                                                                                                                                                                                                                                 | 0.3              | 0.5             | 1.93      | 26.5                                                                              | 6.88                                           | 12.48                          | 20938                                | 28.26                                   |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| CEN                                                                          |      |                                                                                                                                                                                                                                                                                     |                  | 5               |           |                                                                                   |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |      |                                                                                                                                                                                                                                                                                     |                  |                 |           |                                                                                   |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| SBO ID Numbers: SBO-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 |                                                | SA900030                       |                                      | 4/20                                    |                                                      | <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  |                                                | NH9099030                      |                                      | 4/20                                    |                                                      | <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                                           |                                                | K9BA86875                      |                                      | Contains: 1:1 HNO3                      |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Chlorophyll                                                                  |      | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                      |                  |                 |           | <input checked="" type="checkbox"/> Ice                                           |                                                | Contains: 1:1 H2SO4            |                                      | Lot No.: SA9010030                      |                                                      | Expires: 04/09/20                          |                                          |  |  |  |  |                        |  |  |  |  |  |
| 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                                                      |                                                | Expires: 04/10/20              |                                      | See Safety Data Sheet (SDS)             |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Physical/Aggregate (Marine)                                                  |      | <input checked="" type="checkbox"/> Alkalinity / <input type="checkbox"/> W-BR-IC / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY                                                                                              |                  |                 |           | <input checked="" type="checkbox"/> Ice                                           |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Macroinvertebrates                                                           |      | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                 |                  |                 |           | <input type="checkbox"/> Formalin                                                 |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Periphyton                                                                   |      | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                   |                  |                 |           | <input type="checkbox"/> Ice                                                      |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |
| Microbiology                                                                 |      | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                |                  |                 |           | <input 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                                                                                                                                                                                                                 |                  |                 |           |                                                                                   |                                                |                                |                                      |                                         |                                                      |                                            |                                          |  |  |  |  |                        |  |  |  |  |  |

Notes:

WIN ID/Field ID:



20030792

DEER CR @ TALLEYRAND AVE

Signature:

*[Handwritten Signature]*

Date:

5/30/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters/Verify Station ID In LIMS DMT:

mc 6/3/19

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

CR 5/30/19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Greenfield Cr @ end of Buccaneer Dr.

Date: 5/30/19  
(mm/dd/yyyy)

WIN/ Field ID: G2NE1154

WBID: 2240A

Latitude: 30.36191

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.4630

(Decimal Degrees)

Receiving Body of Water: ICW

RQ-2019- 05-27-11

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

| Sampling Equipment                                   |                                   |                               |  |  |
|------------------------------------------------------|-----------------------------------|-------------------------------|--|--|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |  |  |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |  |  |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |  |  |
| Depth Measured with <u>meter</u>                     |                                   |                               |  |  |
| Equipment ID <u>Ortho 49</u>                         |                                   |                               |  |  |

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

| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded |  |  |  |  | Meter ID# <u>491 #3</u>                          |  |  |  |  | Matrix: Fresh / <u>Marine</u> / 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) | Seach Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (umhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 1225 | 1.8             | 0.3              | 0.6            | 5.5       | 86        | 7.41 | 28.75          | 44689              | 30         |
| CEN       |      |                 | 1.4              |                | 5.34      | 82.7      | 7.45 | 29.05          | 45108              | 29.8       |

| 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-SATP                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA9010030  | 7/20       | <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  | NA9099030  |            | <input checked="" type="checkbox"/> <2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                           | LA90061875 |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice                                           |            |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-CHL / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" type="checkbox"/> W-TDS | <input type="checkbox"/> Ice                                                      |            |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-BR-IC / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY                                                                                                                                        | <input checked="" type="checkbox"/> Ice                                           |            |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Formalin                                                 |            |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Ice                                                      |            |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                                                                                                      | <input 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                                                      |            |            |                                        |

Contains: 1:1 H2SO4  
Lot No.: SA9010030  
Expires: 04/10/20  
See Safety Data Sheet (SDS)

Contains: 1:1 HNO3  
Lot No.: NA9099030  
Expires: 04/09/20  
See Safety Data Sheet (SDS)

THEMA FISHER SCIENTIFIC  
500 NORTH 142ND AVE  
DADE CITY, FL 34608-2711  
1-877-666-2711

Contains: 1:1 H2SO4  
Lot No.: SA9010030  
Expires: 04/10/20  
See Safety Data Sheet (SDS)

THEMA FISHER SCIENTIFIC  
500 NORTH 142ND AVE  
DADE CITY, FL 34608-2711  
1-877-666-2711

Contains: 1:1 HNO3  
Lot No.: NA9099030  
Expires: 04/09/20  
See Safety Data Sheet (SDS)

Notes:

WIN ID/Field ID:



G2NE1154

Greenfield end of Bucaneer dr.

Signature:

*Chyan R*

Date:

5/30/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: mc 6/3/19

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

CR 5/30/19

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: DUNN CR AT FAYE ROAD

Date: 05/30/19  
(mm/dd/yyyy)

WIN/ Field ID: 20030140

WBID: 2181A

Latitude: 30.437916

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.583333

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 05-27-11

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| C. Ruben              |  |  |  |  | X               | X                 | X             | X            | X                  |
| J. Parnish            |  |  |  |  | X               | X                 | X             | 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>07tho 49</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 / Normal / High / Flooded  
Photos: Yes / No / Flow: No Flow / Intestinal / Flowing / NA  
Meter ID# 431 # 3 Matrix: Fresh / Marine DI  
Tide: Rising / Falling / Slack / NA Tide Times: High Low

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Seabed Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (umhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 1130 | 0.652           | 0.3              | 0.6             | 5.44      | 78.5%     | 7.11 | 15.4           | 25,394             | 30.18      |
| CEN       |      |                 |                  |                 |           |           |      |                |                    |            |

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

SPIO ID Numbers: SBIO-ID: None HA-ID: RPS-ID: Macrophyte-ID: LIMBS#:

| 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>SA8344070</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>NA9099030</u> | <u>4/20</u>  | <input checked="" type="checkbox"/> <2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                   | <input checked="" type="checkbox"/> Ice                                           | <u>298A86875</u> |              |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                  | <input checked="" type="checkbox"/> Ice                                           |                  |              |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                            | <input type="checkbox"/> Ice                                                      |                  |              |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                           |                  |              |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                             | <input type="checkbox"/> Formalin                                                 |                  |              |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                               | <input type="checkbox"/> Ice                                                      |                  |              |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                            | <input type="checkbox"/> Ice                                                      |                  |              |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD                | <input type="checkbox"/> Ice                                                      |                  |              |                                        |
| Tracers                     | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                         | <input type="checkbox"/> Ice                                                      |                  |              |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA          | <input type="checkbox"/> Ice                                                      |                  |              |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                             | <input type="checkbox"/> Ice                                                      |                  |              |                                        |

Notes:

Signature: Chyan

WIN ID/Field ID:



20030140

DUNN CR AT FAYE ROAD

5/30/19

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: mc 6/3/19 QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets CR 5/30/19 Migrate Data to WIN: Verify Data In WIN:



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Date Qualified?

Yes / No

WIN Station Name: St. Johns River at Ft. Caroline dock

Date: 5/30/19  
(mm/dd/yyyy)

WIN/ Field ID: G2NE1179

WBID: 2213B

Latitude: 30.387120

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.49905

(Decimal Degrees)

Receiving Body of Water: Atlantic Ocean

RQ-2019- 05-27-11

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

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

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# YSI #3

Matrix: Fresh / Marine DI

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

| Time Zone | Time                             | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (umhos/cm) | Temp. (C°) |
|-----------|----------------------------------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | <del>12:25</del><br><u>12:50</u> | 2.0             | 0.3              | 0.9             | 6.22      | 94.5%     | 7.79 | 27.4           | 42,771             | 29.3       |
| CEN       | <u>02</u>                        | -               | 1.5              |                 | 6.21      | 44.4%     | 7.81 | 27.5           | 42,829             | 29.3       |

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

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

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                                                                                                                                                                           | Preservation                                                                      | Lot#                                                                                          | Expiration | pH Check                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|----------------------------------------|
| Preserved Nutrients         | <input checked="" type="checkbox"/> W-NH3 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> W-S-A TP                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA9010030                                                                                     | 4/20       | <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  | NA9099030                                                                                     | 4/20       | <input checked="" type="checkbox"/> <2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           | R9BA86875                                                                                     |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                           | Contains: 1:1 H2SO4<br>Lot No.: SA9010030<br>Expires: 04/10/20<br>See Safety Data Sheet (SDS) |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-CL-IC / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" type="checkbox"/> W-TDS | <input checked="" type="checkbox"/> Ice                                           |                                                                                               |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-BR-IC / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |                                                                                               |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Formalin                                                 |                                                                                               |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                      |                                                                                               |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                                                                                                        | <input 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:

St. Johns River at Ft. Caroline dock

Signature: Chyan R Date: 5/30/19

LIMS EVENT ID: WIN Import ID: Enter Field Parameters, Verify Station ID In LIMS DMT: mc 6/3/19 QC Station ID, Field Parameters In LIMS DMT: Scan/Save Field Sheets 02 5/30/19 Migrate Data to WIN: Verify Data In WIN:



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes

No

WIN Station Name: SISTERS CREEK AT HECKSCHER DR

Date: 5/30/19  
(mm/dd/yyyy)

WIN/Field ID: 20030491

WBID: 2205A

Latitude: 30.3925

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.4589

(Decimal Degrees)

Receiving Body of Water: LSJR

RQ-2019- 05-27-11

| Sampling Team Members                                                        |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 | WQ Measurements                                  | Sample Collection                                                                 | Documentation | Preservation   | Preservation Check                     | Sampling Equipment                                   |                                         |                                          |  |  |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|--------------------------------------------------|-----------------------------------------------------------------------------------|---------------|----------------|----------------------------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------|--|--|
| C. Ruben<br>J. Parrish                                                       |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 | X                                                | X                                                                                 | X             | X              | X                                      | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn       | <input checked="" type="checkbox"/> Pole |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe        |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other          |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | Depth Measured with <u>meter</u>                     |                                         |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | Equipment ID <u>Ortho #44</u>                        |                                         |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | Collection Method                                    |                                         |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak    |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | <input checked="" type="checkbox"/> From Shore       | <input type="checkbox"/> Electric Motor |                                          |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor |                                          |  |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 | Meter ID# <u>YSI #3</u>                          |                                                                                   |               |                |                                        | Matrix: Fresh / <u>Marine</u> / DI                   |                                         |                                          |  |  |
| Photos: Yes / <u>No</u>                                                      |                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |                 | Flow: No Flow / Intertidal / <u>Flowing</u> / NA |                                                                                   |               |                |                                        | Tide: Rising / Falling / Slack / NA                  |                                         |                                          |  |  |
| Tide Times: High 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                                                                          | 1106                                                                                                                                                                                                                                                                                                                                                                        | 1.1             | 0.3              | 0.7             | 5.6                                              | 86.5                                                                              | 7.70          | 30.9           | 47660                                  | 28.7                                                 |                                         |                                          |  |  |
| 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 / <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 | SA9010030     | 4/2020         | <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  | NA9099030     | 4/2020         | <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                                           | R918A8675     |                |                                        |                                                      |                                         |                                          |  |  |
| Chlorophyll                                                                  | <input checked="" type="checkbox"/> CHL-SUITE-W                                                                                                                                                                                                                                                                                                                             |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice                                           |               |                |                                        |                                                      |                                         |                                          |  |  |
| Physical/Aggregate (Fresh)                                                   | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-CL-IC / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" type="checkbox"/> W-TDS |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                      |                                         |                                          |  |  |
| Physical/Aggregate (Marine)                                                  | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-BR-IC / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY                                                                                                                                          |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice                                           |               |                |                                        |                                                      |                                         |                                          |  |  |
| Macroinvertebrates                                                           | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                                                                         |                 |                  |                 |                                                  | <input type="checkbox"/> Formalin                                                 |               |                |                                        |                                                      |                                         |                                          |  |  |
| Periphyton                                                                   | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                                                           |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                      |                                         |                                          |  |  |
| Microbiology                                                                 | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                                                                                                        |                 |                  |                 |                                                  | <input 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-CAR6-AA                                                                                                                                                      |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                      |                                         |                                          |  |  |
| Phytoplankton                                                                | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                                                                                                                         |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                      |                                         |                                          |  |  |

Contains: 1:1 H2SO4  
Lot No.: SA9010030  
Expires: 04/10/20  
See Safety Data Sheet (SDS)

Contains: 1:1 HNO3  
Lot No.: NA9099030  
Expires: 04/09/20  
See Safety Data Sheet (SDS)

WIN ID/Field ID:



20030491

SISTERS CREEK AT HECKSCHER DR

Signature: Clyde R

5/30/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

mc 6/3/2019

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

CR 5/30/19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

# QA/QC Sample Information Duplicate

| Time Zone: <u>EST</u> CEN   |                                                                                                                                                                                                                                                                                               | Time: <u>1340</u>                                                                                          |           | Field ID: <u>20030792 DUP</u> |                                        |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------|-------------------------------|----------------------------------------|
|                             |                                                                                                                                                                                                                                                                                               |                                                                                                            |           | (WIN ID + DUP)                |                                        |
| 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"/> H <sub>2</sub> SO <sub>4</sub> | SA9010030 | 4/20                          | <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"/> HNO <sub>3</sub>               | NA9099030 | 4/20                          | <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                                                                    | R9BA86875 |                               |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/> Ice                                                                    |           |                               |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                            | <input type="checkbox"/> Ice                                                                               |           |                               |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                                                    |           |                               |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                          | <input type="checkbox"/> Ice                                                                               |           |                               |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                  | <input type="checkbox"/> Ice                                                                               |           |                               |                                        |
| Tracers                     | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                                                                                                                                   | <input type="checkbox"/> Ice                                                                               |           |                               |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-CARB-AA<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R | <input type="checkbox"/> Ice <input type="checkbox"/> Other                                                |           |                               |                                        |

## Blank

| Time Zone: <u>EST</u> CEN                                                                                                                       |                                                                                                                                                                                                                                                                                               | Time: <u>1348</u>                                                                                          |           | Field ID: <u>FB-05302019</u> |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------|------------------------------|----------------------------------------|
|                                                                                                                                                 |                                                                                                                                                                                                                                                                                               |                                                                                                            |           | (BLANK_DMMYYYY)              |                                        |
| DI Source: _____                                                                                                                                |                                                                                                                                                                                                                                                                                               | Location: <u>DEER CR @ TALLEYRAND AVE</u>                                                                  |           |                              |                                        |
| <input checked="" type="checkbox"/> Field Blank <input type="checkbox"/> Equipment Blank <input type="checkbox"/> Field Cleaned Equipment Blank |                                                                                                                                                                                                                                                                                               | Equipment ID: <u>ortho #44</u>                                                                             |           |                              |                                        |
| Parameter Suite                                                                                                                                 | Parameter Methods                                                                                                                                                                                                                                                                             | Preservation                                                                                               | Lot#      | Expiration                   | pH Check                               |
| Preserved Nutrients                                                                                                                             | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> | SA9010030 | 4/20                         | <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"/> HNO <sub>3</sub>               | NA9099030 | 4/20                         | <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                                                                    | R9BA86875 |                              |                                        |
| Chlorophyll                                                                                                                                     | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                                               |           |                              |                                        |
| Physical/Aggregate (Fresh)                                                                                                                      | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                            | <input type="checkbox"/> Ice                                                                               |           |                              |                                        |
| Physical/Aggregate (Marine)                                                                                                                     | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                                                    |           |                              |                                        |
| Microbiology                                                                                                                                    | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                          | <input type="checkbox"/> Ice                                                                               |           |                              |                                        |
| Molecular                                                                                                                                       | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                  | <input type="checkbox"/> Ice                                                                               |           |                              |                                        |
| Tracers                                                                                                                                         | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                                                                                                                                   | <input type="checkbox"/> Ice                                                                               |           |                              |                                        |
| Pesticides                                                                                                                                      | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-CARB-AA<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R | <input type="checkbox"/> Ice <input type="checkbox"/> Other                                                |           |                              |                                        |

## Notes:

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Field ID: <u>20030792 DUP</u> | Location: <u>DEER CR @ TALLEYRAND AVE</u> |
| WIN ID: <u>20030792</u>       | Field ID: <u>FB 05302019</u>              |
| Signature: <u>[Signature]</u> | Date: <u>5/30/19</u>                      |

|                                                              |                                                    |
|--------------------------------------------------------------|----------------------------------------------------|
| Enter Field Parameters, Verify Station ID In LIMS DMT: _____ | QC Station ID, Field Parameters In LIMS DMT: _____ |
| Scan/Save Field Sheets: <u>CR 5/30/19</u>                    | Migrate Data to WIN: _____                         |
| Verify Data In WIN: _____                                    | _____                                              |

LSJR Coast

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

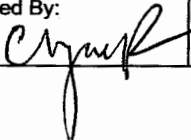
Field Report Prepared By: C. Ruben

Project ID: SMP

Collected By: C. Ruben / J. Parrish

Sampling Agency: FDEP DEAR NE ROC

|          |                                                                                                                                         |                                                                                                                                                |                      |                                                                            |                                  |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------|----------------------------------|
| Location | WIN ID/Field ID: <br>20030491                          | Collection (comp begin or grab)<br><input checked="" type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Date 5/30/19 Time 1100 | Eastern<br>Central   | Composite end<br>Date — Time —                                             | Bottle Group(s)<br>(See pg 2)    |
| Field    | SISTERS CREEK AT HECKSCHER DR                                                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Salt                                                                                                  | Diss. Oxygen<br>5.6  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| WIN      |                                                                                                                                         | Temp (C) 28.7                                                                                                                                  | pH 7.70              | Sample Depth 0.3                                                           | Sp. Conductance (umho/cm) 47,600 |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                | Salinity (ppt) 30.9                                                                                                                            | Comments             |                                                                            |                                  |
| Location | WIN ID/Field ID: <br>20030140                          | Collection (comp begin or grab)<br><input checked="" type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Date 5/30/19 Time 1130 | Eastern<br>Central   | Composite end<br>Date — Time —                                             | Bottle Group(s)                  |
| Field ID | DUNN CR AT FAYE ROAD                                                                                                                    | Matrix (type, e.g., Salt, Fresh, etc)<br>Salt                                                                                                  | Diss. Oxygen<br>5.44 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| WIN/STC  |                                                                                                                                         | Temp (C) 30.2                                                                                                                                  | pH 7.11              | Sample Depth 0.3                                                           | Sp. Conductance (umho/cm) 25,394 |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                | Salinity (ppt) 15.4                                                                                                                            | Comments             |                                                                            |                                  |
| Location | WIN ID/Field ID: <br>G2NE1154                          | Collection (comp begin or grab)<br><input checked="" type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Date 5/30/19 Time 1225 | Eastern<br>Central   | Composite end<br>Date — Time —                                             | Bottle Group(s)                  |
| Field ID | Greenfield end of Bucaneer dr.                                                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br>Salt                                                                                                  | Diss. Oxygen<br>5.5  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| WIN/STOI |                                                                                                                                         | Temp (C) 30.0                                                                                                                                  | pH 7.41              | Sample Depth 0.3                                                           | Sp. Conductance (umho/cm) 44,689 |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                | Salinity (ppt) 28.8                                                                                                                            | Comments             |                                                                            |                                  |
| Location | St. Johns River at Ft. Caroline dock<br><br>G2NE1179 | Collection (comp begin or grab)<br><input checked="" type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Date 5/30/19 Time 1250 | Eastern<br>Central   | Composite end<br>Date — Time —                                             | Bottle Group(s)                  |
| Field ID |                                                                                                                                         | Matrix (type, e.g., Salt, Fresh, etc)<br>Salt                                                                                                  | Diss. Oxygen<br>6.22 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| WIN/STC  |                                                                                                                                         | Temp (C) 29.3                                                                                                                                  | pH 7.79              | Sample Depth 0.3                                                           | Sp. Conductance (umho/cm) 42,771 |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                                                | Salinity (ppt) 27.4                                                                                                                            | Comments             |                                                                            |                                  |

|                                                                                                      |                         |                        |                              |              |            |
|------------------------------------------------------------------------------------------------------|-------------------------|------------------------|------------------------------|--------------|------------|
| Relinquished By:  | Date/Time: 5/30/19 1500 | Shipping Method: FedEx | Number of Coolers Shipped: 2 | Received By: | Date/Time: |
|------------------------------------------------------------------------------------------------------|-------------------------|------------------------|------------------------------|--------------|------------|

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-BR-IC      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 2 |
|          | W-ICP        |         |                 |               |               |                                     |   |
|          | W-ICPMS      |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
|          | W-NH3        |         |                 |               |               |                                     |   |
|          | W-NO2NO3     |         |                 |               |               |                                     |   |
|          | W-S-A-TP     |         |                 |               |               |                                     |   |
|          | W-TKN        |         |                 |               |               |                                     |   |
|          | W-TOC        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 2 |
|          | W-PO4-F      |         |                 |               |               |                                     |   |
| Group: B | 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: 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-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     |         |                 |               |               |                                     |   |

LSJR Coast

last revised Jan 25, 2018

## Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: J Parrish

Project ID: SMP

Collected By: J Parrish / C Ruben

Sampling Agency: FDEP NE/ROC

|          |                                                             |              |                                                                           |                                                           |                      |                                                                            |                                    |                               |
|----------|-------------------------------------------------------------|--------------|---------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|----------------------------------------------------------------------------|------------------------------------|-------------------------------|
| Location | WIN ID/Field ID:                                            | 20030792     | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 5/30/19 Time 1335 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)<br>(See pg 2) |
| Field ID | DEER CR @ TALLEYRAND AVE                                    |              | Matrix (type, e.g., Salt, Fresh, etc)<br>SALT                             |                                                           | Diss. Oxygen<br>1.93 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | A                             |
| WIN/STC  | DEER CR @ TALLEYRAND AVE                                    |              | Temp<br>(C) 28.26                                                         | pH 6.88                                                   | Sample Depth 0.3     | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 20938 |                               |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 12.48                                   | Comments             |                                                                            |                                    |                               |
| Location | Field ID:                                                   | 20030792 DUP | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 5/30/19 Time 1340 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID | DEER CR @ TALLEYRAND AVE                                    |              | Matrix (type, e.g., Salt, Fresh, etc)<br>SALT                             |                                                           | Diss. Oxygen         | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)      | A                             |
| WIN/STC  | DEER CR @ TALLEYRAND AVE                                    |              | Temp<br>(C) —                                                             | pH —                                                      | Sample Depth 0.3     | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) —     |                               |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) —                                       | Comments duplicate   |                                                                            |                                    |                               |
| Location | Field ID:                                                   | FB 05302019  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 5/30/19 Time 1345 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID | DEER CR @ TALLEYRAND AVE                                    |              | Matrix (type, e.g., Salt, Fresh, etc)<br>Field Blank                      |                                                           | Diss. Oxygen         | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)      | D                             |
| WIN/STC  | DEER CR @ TALLEYRAND AVE                                    |              | Temp<br>(C) —                                                             | pH —                                                      | Sample Depth         | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)       |                               |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) —                                       | Comments             |                                                                            |                                    |                               |
| Location | Field ID:                                                   | FB 05302019  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date                   | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID | DEER CR @ TALLEYRAND AVE                                    |              | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen         | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)      |                               |
| WIN/STC  | DEER CR @ TALLEYRAND AVE                                    |              | Temp<br>(C)                                                               | pH                                                        | Sample Depth         | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)       |                               |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                         | Comments             |                                                                            |                                    |                               |

|                  |              |                 |                            |              |           |
|------------------|--------------|-----------------|----------------------------|--------------|-----------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
| J Parrish        | 5/30/19 1500 | Colex           | 2                          |              |           |

|          |              |         |                 |                             |                                     |   |
|----------|--------------|---------|-----------------|-----------------------------|-------------------------------------|---|
| Group: B | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |
|          | 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: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | ALKALINITY   |         |                 |                             |                                     |   |
|          | TURBIDITY    |         |                 |                             |                                     |   |
|          | W-BR-IC      |         |                 |                             |                                     |   |
|          | W-F          |         |                 |                             |                                     |   |
|          | W-TSS        |         |                 |                             |                                     |   |
| Group: C | Bottle Type: | BP-1L   | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | CHLSUITE-W   |         |                 |                             |                                     |   |
| Group: C | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab | 3 |
|          | W-ICP        |         |                 |                             |                                     |   |
|          | W-ICPMS      |         |                 |                             |                                     |   |
| Group: C | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3 |
|          | W-NH3        |         |                 |                             |                                     |   |
|          | W-NO2NO3     |         |                 |                             |                                     |   |
|          | W-S-A-TP     |         |                 |                             |                                     |   |
|          | W-TKN        |         |                 |                             |                                     |   |
|          | W-TOC        |         |                 |                             |                                     |   |
| Group: C | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3 |
|          | W-PO4-F      |         |                 |                             |                                     |   |
| Group: D | Bottle Type: | P-1L    | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ALKALINITY   |         |                 |                             |                                     |   |
|          | TURBIDITY    |         |                 |                             |                                     |   |
|          | W-BR-IC      |         |                 |                             |                                     |   |
|          | W-F          |         |                 |                             |                                     |   |
|          | W-TSS        |         |                 |                             |                                     |   |
| Group: D | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab | 1 |
|          | W-ICP        |         |                 |                             |                                     |   |

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|          |                      |                 |                    |                                     |
|----------|----------------------|-----------------|--------------------|-------------------------------------|
| Group: D | Bottle Type: P-500ML | # of Bottles: 1 | Preservative: HNO3 | Enter Number of Bottles Sent to Lab |
| W-ICPMS  |                      |                 |                    |                                     |

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|          |                      |                 |                             |                                     |
|----------|----------------------|-----------------|-----------------------------|-------------------------------------|
| Group: D | Bottle Type: P-500ML | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab |
| W-NH3    |                      |                 |                             |                                     |
| W-NO2NO3 |                      |                 |                             |                                     |
| W-S-A-TP |                      |                 |                             |                                     |
| W-TKN    |                      |                 |                             |                                     |
| W-TOC    |                      |                 |                             |                                     |

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|          |                      |                 |                          |                                     |
|----------|----------------------|-----------------|--------------------------|-------------------------------------|
| Group: D | Bottle Type: P-125ML | # of Bottles: 1 | Preservative: FILTER-ICE | Enter Number of Bottles Sent to Lab |
| W-PO4-F  |                      |                 |                          |                                     |

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