



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Cracker Branch @ CR 204

Date: 3-14-2019  
(mm/dd/yyyy)

WIN/ Field ID: 27010060

WBID: 2553

Latitude: 29.65905

(Decimal Degrees)

County: St. Johns

ORG ID: 21 FLA

Longitude: -81.29016

(Decimal Degrees)

Receiving Body of Water: Pellicer Creek

RQ-2019- 03-11-14

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Cheyanne Ruben        |  |  |  |  |                 | X                 |               |              |                    |
| Amy Kalmbacher        |  |  |  |  | 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>ortho #3</u>                         |                                   |                                          |

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

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

Meter ID# PROPSS

Matrix: Fresh Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High Low

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 0950 | 1.0             | 0.3              | 0.55            | 4.08      | 45        | 6.65 | 0.14           | 286                | 19.4       |
| CEN       |      |                 |                  |                 |           |           |      |                |                    |            |

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

SBIO ID Numbers: SBIO-ID: None HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                      | Preservation                                                                                               | Lot#      | Expiration | pH Check                               |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------|------------|----------------------------------------|
| Preserved Nutrients         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                        | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> | 5A9274050 | 10/19      | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                        | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>                                     |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                     | <input checked="" type="checkbox"/> Ice                                                                    | ROFA7522  |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                         | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                        | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                    | <input type="checkbox"/> Formalin                                                                          |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                      | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Microbiology                | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                        | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD       | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                    | <input type="checkbox"/> Ice                                                                               |           |            |                                        |

Notes:

WIN ID/Field ID:



27010060

CRACKER BR. @ CR 204

Signature: Cheyanne Ruben Date: 3-14-2019

LIMS EVENT ID: 2019-03-15-01 WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: 3/15/19 QC Station ID, Field Parameters in LIMS DMT: 3/25/19

Scan/Save Field Sheets 3/25/19 Migrate Data to WIN: 3/25/19 Verify Data in WIN: 3/25/19

(Initials/Date)

(Initials/Date)

(Initials/Date)

# Duplicate

Time Zone: EST CEN Time: 1050 Field ID: G5NE0026DUP  
(WIN ID\_DUP)

WIN DMT Activity ID:

| 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> | SA8274050 | 10/19      | <input checked="" type="checkbox"/> < 2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                          | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>                                     |           |            | <input type="checkbox"/> < 2            |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                       | <input checked="" type="checkbox"/> Ice                                                                    | RKA17522  |            |                                         |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                           | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                         |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                          | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                         |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                  | <input type="checkbox"/> Ice                                                                               |           |            |                                         |
| Microbiology                | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                          | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                         |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD         | <input type="checkbox"/> Ice                                                                               |           |            |                                         |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                  | <input type="checkbox"/> Ice                                                                               |           |            |                                         |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E-3821-MS <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                                               |           |            |                                         |

Contains: 1:1 H2SO4  
Lot No.: SA8274050  
Expires: 10/01/19  
See Safety Data Sheet (SDS)

Place Preserve

# Blank

Time Zone: EST CEN Time: 1350 Field ID: FB-03142019  
(Blank Type\_DMMYYYY)

DI Source: NEROC LAB DI water Location: Lake Vedra at Solana Rd

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: Out to #3

WIN DMT Blank Batch ID:

| 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> | SA8274050 | 10/19      | <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>               | JA8080010 |            | <input checked="" type="checkbox"/> < 2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                      | <input checked="" type="checkbox"/> Ice                                                                    | RKA17522  |            |                                         |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                         | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                         |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                           | <input type="checkbox"/> Ice                                                                               |           |            |                                         |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                                               |           |            |                                         |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Other                                                                             |           |            |                                         |

Contains: 1:1 H2SO4  
Lot No.: SA8274050  
Expires: 10/01/19  
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4  
Lot No.: SA8274050  
Expires: 10/01/19  
See Safety Data Sheet (SDS)

Notes:

Location: LAKE VEDRA AT SOLANA RD.

FIELD ID: FB 03142019

Field ID: G5NE0026 DUP

Location: Palm Coast Canal 0.6 mi down from road

WIN ID: G5NE0026

Signature: [Signature] Date: 3-14-2019

LIMS EVENT ID: 2019-03-15-01 WIN Import ID: \_\_\_\_\_

Enter Field Parameters, Verify Station ID in LIMS DMT: 3/15/19 QC Station ID, Field Parameters in LIMS DMT: 3/25/19  
(Initials/Date) (Initials/Date)

Scan/Save Field Sheets 3/25/19 Migrate Data to WIN: \_\_\_\_\_ Verify Data in WIN: \_\_\_\_\_  
(Initials/Date) (Initials/Date)



UEC 2019

## 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 &amp; A. Kalmbacher

Sampling Agency: FDEP NE ROC

|                                                                                                                                      |  |                                                                           |                                                           |                                                                                 |                                 |                               |
|--------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| WIN ID/Field ID:<br>G5NE0026                                                                                                         |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3/14/19 Time 1045 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —  | Bottle Group(s)<br>(See pg 2) |
| Palm Coast Canal 0.6mi down from road                                                                                                |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>3.13                                      | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine<br>(mg/L) — | C                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Temp (C) 20.4                                                             | pH 7.05                                                   | Sample Depth 0.05                                                               | Sp. Conductance (umho/cm) 380   |                               |
| Field ID: G5NE0026 DUP<br>Location: Palm Coast Canal 0.6 mi down from road                                                           |  | Salinity (ppt) 0.18                                                       | Comments                                                  |                                                                                 |                                 |                               |
| WIN ID: G5NE0026                                                                                                                     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3/14/19 Time 1050 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —  | Bottle Group(s)               |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 | Total Res. Chlorine (mg/L)      | C                             |
| WIN ID: G5NE0026                                                                                                                     |  | Temp (C)                                                                  | pH                                                        | Sample Depth                                                                    | Sp. Conductance (umho/cm)       |                               |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Salinity (ppt)                                                            | Comments                                                  |                                                                                 |                                 |                               |
| WIN ID/Field ID: 27010060                                                                                                            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3/14/19 Time 0950 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —  | Bottle Group(s)               |
| CRACKER BR. @ CR 204                                                                                                                 |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>4.1                                       | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 | Total Res. Chlorine (mg/L) —    | C                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Temp (C) 19.4                                                             | pH 6.65                                                   | Sample Depth 0.3                                                                | Sp. Conductance (umho/cm) 286   |                               |
| WIN ID/Field ID: 27010050                                                                                                            |  | Salinity (ppt) 0.14                                                       | Comments                                                  |                                                                                 |                                 |                               |
| WIN ID/Field ID: 27010050                                                                                                            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3/14/19 Time 0920 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —  | Bottle Group(s)               |
| MOSES CR AT US 1                                                                                                                     |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>5.4                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine (mg/L) —    | A                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Temp (C) 18.7                                                             | pH 7.10                                                   | Sample Depth 0.05                                                               | Sp. Conductance (umho/cm) 349   |                               |
| WIN ID/Field ID: 27010050                                                                                                            |  | Salinity (ppt) 0.17                                                       | Comments                                                  |                                                                                 |                                 |                               |

|                             |                           |                          |                                 |              |           |
|-----------------------------|---------------------------|--------------------------|---------------------------------|--------------|-----------|
| Relinquished By:<br>Chyne R | Date/Time<br>3/14/19 1500 | Shipping Method<br>Fedex | Number of Coolers Shipped:<br>2 | Received By: | Date/Time |
|-----------------------------|---------------------------|--------------------------|---------------------------------|--------------|-----------|

UEC 2019

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

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

Project ID: SMP

Collected By: C. Riben & A. KalmbacherSampling Agency: FDEP

|                                                                                                                                      |  |                                                                           |  |                                                                         |  |                                                                                           |  |                                        |  |                               |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------|--|
| Location: <b>LAKE VEDRA AT SOLANA RD.</b>                                                                                            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date <u>3/14/19</u> Time <u>1350</u> |  | <input checked="" type="radio"/> Eastern<br><input type="radio"/> Central                 |  | Composite end<br>Date _____ Time _____ |  | Bottle Group(s)<br>(See pg 2) |  |
| FIELD ID: <br>FB 03142019                           |  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>D7 water</u>                  |  | Diss. Oxygen                                                            |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                           |  | Total Res. Chlorine<br>(mg/L)          |  | D                             |  |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Temp (C)                                                                  |  | pH                                                                      |  | Sample Depth <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)              |  |                               |  |
| WIN ID/Field ID: <br>27010180                       |  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |  | Diss. Oxygen<br><u>12.8</u>                                             |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                |  | Total Res. Chlorine<br>(mg/L)          |  | B                             |  |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Temp (C) <u>21.0</u>                                                      |  | pH <u>8.93</u>                                                          |  | Sample Depth <u>0.3</u> <input type="checkbox"/> ft <input checked="" type="checkbox"/> m |  | Sp. Conductance (umho/cm) <u>893</u>   |  |                               |  |
| Location                                                                                                                             |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date _____ Time _____                |  | <input type="radio"/> Eastern<br><input type="radio"/> Central                            |  | Composite end<br>Date _____ Time _____ |  | Bottle Group(s)               |  |
| Field ID                                                                                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                            |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                           |  | Total Res. Chlorine<br>(mg/L)          |  |                               |  |
| WIN/STORET #                                                                                                                         |  | Temp (C)                                                                  |  | pH                                                                      |  | Sample Depth <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)              |  |                               |  |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Salinity (ppt)                                                            |  | Comments                                                                |  |                                                                                           |  |                                        |  |                               |  |
| Location                                                                                                                             |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date _____ Time _____                |  | <input type="radio"/> Eastern<br><input type="radio"/> Central                            |  | Composite end<br>Date _____ Time _____ |  | Bottle Group(s)               |  |
| Field ID                                                                                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                            |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                           |  | Total Res. Chlorine<br>(mg/L)          |  |                               |  |
| WIN/STORET #                                                                                                                         |  | Temp (C)                                                                  |  | pH                                                                      |  | Sample Depth <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)              |  |                               |  |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Salinity (ppt)                                                            |  | Comments                                                                |  |                                                                                           |  |                                        |  |                               |  |
| Location                                                                                                                             |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date _____ Time _____                |  | <input type="radio"/> Eastern<br><input type="radio"/> Central                            |  | Composite end<br>Date _____ Time _____ |  | Bottle Group(s)               |  |
| Field ID                                                                                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                            |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                           |  | Total Res. Chlorine<br>(mg/L)          |  |                               |  |
| WIN/STORET #                                                                                                                         |  | Temp (C)                                                                  |  | pH                                                                      |  | Sample Depth <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)              |  |                               |  |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms |  | Salinity (ppt)                                                            |  | Comments                                                                |  |                                                                                           |  |                                        |  |                               |  |

|                                       |                                |                               |                                     |                    |                  |
|---------------------------------------|--------------------------------|-------------------------------|-------------------------------------|--------------------|------------------|
| Relinquished By: <u>Chyanne Riben</u> | Date/Time: <u>3/14/19 1300</u> | Shipping Method: <u>Fedex</u> | Number of Coolers Shipped: <u>2</u> | Received By: _____ | Date/Time: _____ |
|---------------------------------------|--------------------------------|-------------------------------|-------------------------------------|--------------------|------------------|

|          |                                                                                    |                |                 |               |               |                                     |          |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|----------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | CHLSUITE-W                                                                         |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to ALS |
|          | NE-ALS-ECQ                                                                         |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1        |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1        |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1        |
|          | W-PO4-F                                                                            |                |                 |               |               |                                     |          |
| Group: B | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                     |          |

|          |                                                                                                    |                |                 |                             |                                     |          |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|-------------------------------------|----------|
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1        |
| Group: C | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3        |
| Group: C | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3        |
| Group: C | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3 to ALS |
| Group: C | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 3 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3        |
| Group: C | Bottle Type:                                                                                       | P-125ML        | # of Bottles: 3 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3        |

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|          |              |         |                 |               |            |                                     |          |
|----------|--------------|---------|-----------------|---------------|------------|-------------------------------------|----------|
| Group: C | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: | FILTER-ICE | Enter Number of Bottles Sent to Lab | <u>3</u> |
|----------|--------------|---------|-----------------|---------------|------------|-------------------------------------|----------|

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W-PO4-F

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|          |              |      |                 |               |     |                                     |          |
|----------|--------------|------|-----------------|---------------|-----|-------------------------------------|----------|
| Group: D | Bottle Type: | P-1L | # of Bottles: 1 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>1</u> |
|----------|--------------|------|-----------------|---------------|-----|-------------------------------------|----------|

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ALKALINITY  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-SO4-IC  
W-TDS  
W-TSS

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|          |              |         |                 |               |      |                                     |          |
|----------|--------------|---------|-----------------|---------------|------|-------------------------------------|----------|
| Group: D | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: | HNO3 | Enter Number of Bottles Sent to Lab | <u>1</u> |
|----------|--------------|---------|-----------------|---------------|------|-------------------------------------|----------|

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W-ICP  
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 | <u>1</u> |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|----------|

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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 | <u>1</u> |
|----------|--------------|---------|-----------------|---------------|------------|-------------------------------------|----------|

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W-PO4-F