

RQ-2018-03-26-21

## Log-in Checklist

Shipping Method: FedEx | UPS | HD | Greyhound | FedexDate/Time of Receipt: 4-3-18/10:00

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | 0.6                 | 12                              |               | ✓  |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**\*\*Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

\*\*Chain of Custody/ Field Sheet(s) Included? Yes ✓ No       

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No ✓

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes ✓ No ✓ If yes, is it intact? Yes        No       

\*\*Caps on tight? Yes ✓ No        \*\*Containers intact? Yes        No       

\*\*Sufficient Sample Volume: Yes ✓ No       

## CHLORINE CHECK (Blue dot on container)

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |            |     |    |
|------------------------------------------------------------------------------------------------------|-----|----|------------|-----|----|
| Analysis                                                                                             | Yes | No | Analysis   | Yes | No |
| W-1,4 DIOX                                                                                           |     |    | W-PC-AA-SF |     |    |
| W-E8321-DI, -MS, -21                                                                                 |     |    | W-NP-AA-SF |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT   |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PCL-SQ-R |     |    |
| W-U2060-MS                                                                                           |     |    | W-TR-TQ    |     |    |
| W-PCB-R                                                                                              |     |    | W-CT-CI-R  |     |    |
| W-PAH (-R)                                                                                           |     |    | W-PSNP-TQ  |     |    |

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No        NA        Init: BR

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes        No        NA ✓ Init: BR

Coolers Unpacked/Checked by: BR Date: 4-3-18

NCRs (Y/N)? N

Event ID: NE-DIST-2018-04-03-01

NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | Action Taken |
|----------|-------------------|---------|--------------|
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |
|          |                   |              |

## ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes \_\_\_\_\_ No ☒ \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

**FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):**

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

**Additional Comments:**

Suw 3\_2018

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Nicole Frederick

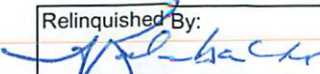
Field Report Prepared By: A. Kalmbacher

Project ID: SMP

Collected By: A. Kalmbacher

Sampling Agency: FDEP/NE ROC

|            |                                                                                                                 |                                                                           |                                                             |                                                                            |                                                                      |                              |      |                                  |
|------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------|------|----------------------------------|
| Location   | WIN / Field ID: <br>G3NE0011   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date                     | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)<br>(See pg 2) |
| 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 | Alachua Sink at La Chua trail                                                                                   | Temp<br>(C)                                                               | pH                                                          | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm) | A.B  |                                  |
| 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   | WIN / Field ID: <br>21030146   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date                     | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)               |
| Field ID   |                                                                                                                 | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                                | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |
| WIN/STORET | RHUDA BRANCH @192 ST (NW 8th Way)                                                                               | Temp<br>(C)                                                               | pH                                                          | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm) | A.B  |                                  |
| 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   | WIN / Field ID: <br>20030925   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date                     | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)               |
| Field ID   |                                                                                                                 | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                                | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |
| WIN/STORET | LAKE KANAPAH ~300M N of 56TH                                                                                    | Temp<br>(C)                                                               | pH                                                          | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm) | A.B  |                                  |
| 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   | WIN / Field ID: <br>G1NE0857 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date                     | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)               |
| Field ID   |                                                                                                                 | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                                | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |
| WIN/STORET | Sunshine Lake Center                                                                                            | Temp<br>(C)                                                               | pH                                                          | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm) | A.B  |                                  |
| 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: 4-2-2018<br>1430 | Shipping Method: Fed Ex | Number of Coolers Shipped: 1 | Received By:  | Date/Time: 4-3-18 / 10:00 |
|-----------------------------------------------------------------------------------------------------|-----------------------------|-------------------------|------------------------------|----------------------------------------------------------------------------------------------------|---------------------------|

|            |                             |                 |                             |                                     |                           |
|------------|-----------------------------|-----------------|-----------------------------|-------------------------------------|---------------------------|
| Group: A   | Bottle Type: P-1L           | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3                         |
| ALKALINITY |                             |                 |                             |                                     |                           |
| TURBIDITY  |                             |                 |                             |                                     |                           |
| W-CL-IC    |                             |                 |                             |                                     |                           |
| W-COLOR    |                             |                 |                             |                                     |                           |
| W-F        |                             |                 |                             |                                     |                           |
| W-SO4-IC   |                             |                 |                             |                                     |                           |
| W-TDS      |                             |                 |                             |                                     |                           |
| W-TSS      |                             |                 |                             |                                     |                           |
| Group: A   | Bottle Type: BP-1L          | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3                         |
| CHLSUITE-W |                             |                 |                             |                                     |                           |
| Group: A   | 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: A   | Bottle Type: P-125ML        | # of Bottles: 3 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3                         |
| W-PO4-F    |                             |                 |                             |                                     |                           |
| Group: B   | Bottle Type: P-120ML-WC-THI | # of Bottles: 4 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 3<br>Sent to contract lab |
| NED-AEG-EC |                             |                 |                             |                                     |                           |
| Group: C   | Bottle Type: QPCR-P-250ML   | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0                         |
| PCR-FILTER |                             |                 |                             |                                     |                           |



- |                                     |                                                                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | <b><u>Altamonte Springs:</u></b> 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597 |
| <input type="checkbox"/>            | <b><u>Gainesville:</u></b> 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639                          |
| <input type="checkbox"/>            | <b><u>Jacksonville:</u></b> 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354                     |
| <input type="checkbox"/>            | <b><u>Miramar:</u></b> 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281                                 |
| <input type="checkbox"/>            | <b><u>Tallahassee:</u></b> 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275           |
| <input type="checkbox"/>            | <b><u>Tampa:</u></b> 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327                                 |

[illegible]

Date of Request: 21-FEB-2018  
 Created By: FREDERIC\_N On: 21-FEB-2018  
 Modified By: SWANSON\_C On: 12-MAR-2018  
 Customer: NE-DIST  
 Project: SMP  
 Division:  
 District: Northeast District  
 Sampling Event: Suw 3\_2018

**Send Coolers To:**

Phone: 904-256-1541  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Nicole Frederick

**Send Final Report To:**

8800 Baymeadows Way  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Nicole Frederick

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 12-MAR-2018  
 Biology Request Reviewed By: SWANSON\_C On: 12-MAR-2018  
 Sampling Kit Required: YES Ship on: 16-MAR-2018  
 Sampling Kit Shipped: YES On: 13-MAR-2018  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 30-MAR-2018  
 Received By:

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

Comments: Group A: Freshwater Kit, No Metals  
 Group B: Bacteria-AEL  
 Group c: PCR-Filter

**Bottle Group A (Water) With 3 Samples:**

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                     |
| TURBIDITY                         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                           | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                    |
| Color (true)                      |                      |                                                                                                              |
| W-F                               | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| W-SO <sub>4</sub> -IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                    |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                    |
| Bottle Type: BP-1L                | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-500ML              | Number of Bottles: 3 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML              | Number of Bottles: 3 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

**Bottle Group B (Water) With 4 Samples:**

Bottle Type: Number of Bottles: 4 Preserved With: ICE

**Bottle Group B (Water) With 4 Samples:**

Bottle Type: NED-AEG-EC      Number of Bottles: 4      Preserved With: ICE  
Template: DEFAULT      (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced  
Environmental Gainesville Overflow Laboratories for NED

**Bottle Group C (Water) With 1 Samples:**

Bottle Type: QPCR-P-250ML      Number of Bottles: 2      Preserved With: ICE  
PCR-FILTER      Template: DEFAULT      (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

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\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

# Do Not Lift Using This Tag

ORIGIN ID: ZPHA (904) 256-1700  
NICOLE FREDERICK  
8800 BAYMEADOWS WAY SUITE 100  
JACKSONVILLE, FL 32256  
UNITED STATES US

SHIP DATE: 07/MAR/18  
ACTWGT: 35.00 LB  
CAD: 1001820987/NET3980

TO **AMZAD SHAIK**  
**FL DEP**  
**FL DEP CHEMISTRY SECTION**  
**2600 BLAIR STONE RD**  
**TALLAHASSEE FL 32399**

(850) 245-8085  
INV:  
PC:

REF:

DEPT:

RMA:



552J107F5DCAS

FedEx

TRK#  
0221

7907 9242 4186

TUE - 03 APR 10:30A  
PRIORITY OVERNIGHT

**36 TLHA**

**32399**  
FL-US **TLH**



#1788850 04/02 552J1/9132/DCAS

#1788850 04/02 552J1/9132/DCAS  
EXP 01/19