

# Log-in Checklist

RQ- 2019-12-02-27

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/ 5 /19 @ 10:10

| Cooler Temperature* | Samples Frozen | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------|
|                     |                |                                        |          |                                       | Present?      |    | *Intact? |    |                                     |
|                     | YES            | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                     |
| 0.2                 |                |                                        |          | 16                                    |               | ✓  |          |    | 4751 8782 2581                      |
| 0.8                 |                |                                        |          | 17                                    |               | ✓  |          |    | 1278 4009 2304                      |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\* HNO<sub>3</sub> and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

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

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

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

## 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 REQUIRED? (Blue dot on container)

Yes ☒ No ☐ Init: KK

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: KK

If "YES", list affected Field IDs and Test IDs below.

| Field ID | List TestID(s) where Chlorine was Detected, an NCR is required. |
|----------|-----------------------------------------------------------------|
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: KK

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

Coolers Unpacked/Checked by: KK

Date: 12/ 5 /19

NCRs (Y/N)? N

Event ID: LSJR Palatka  
NE-DIST-2019-12-05-01 (SMP)

NCR #  

Date Received: 05-DEC-2019 10:10

# Log-in Checklist

## Samples with Incorrect pH Preservation

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

## Additional Comments:

|                            |                            |
|----------------------------|----------------------------|
| Infrared Thermometer ID:   | IR TEMP GUN #5 EXP:11-5-20 |
| pH Test Strips 0 – 6 Lot # |                            |
| pH Paper 0 – 3 Lot #       | 220416A EXP:7/30/20        |
| pH Paper 0 – 13 Lot #      | 215517 EXP:6/1/20          |
| Chlorine Test Strips Lot # | 091417V EXP:9/2021         |

## ENCORE SAMPLES

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

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

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

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

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: \_\_\_\_\_

LSJR Palatka

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: K. Applyby

Project ID: SMP

Collected By: Brian Davis + Kimberly Applyby

Sampling Agency: FDEP NE ROL

|           |                                                             |                                                                                     |                                                                           |                                                             |                      |                                                                            |                                   |                                  |
|-----------|-------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------|----------------------------------------------------------------------------|-----------------------------------|----------------------------------|
| Location  | WIN ID/Field ID:                                            |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 12/4/2019 Time 1410 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                              | Bottle<br>Group(s)<br>(See pg 2) |
| Field ID  |                                                             | 20030557                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh              | Diss. Oxygen<br>8.35 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —   | A                                |
| WIN/STORE |                                                             | MOCCASSIN BRANCH AT WINFORD MASTERS RD                                              |                                                                           | Temp<br>(C) 13.0                                            | pH 7.21              | Sample<br>Depth 0.07                                                       | Sp. Conductance<br>(umho/cm) 2160 |                                  |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 1.11                                      | Comments             |                                                                            |                                   |                                  |
| Location  | WIN ID/Field ID:                                            |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 12/4/2019 Time 1140 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                              | Bottle<br>Group(s)               |
| Field ID  |                                                             | G2NE1187                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh              | Diss. Oxygen<br>7.71 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —   | A                                |
| WIN/STORE |                                                             | Dunns Creek 0.4 miles upstream of US17                                              |                                                                           | Temp<br>(C) 17.5                                            | pH 7.49              | Sample<br>Depth 0.3                                                        | Sp. Conductance<br>(umho/cm) 805  |                                  |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.40                                      | Comments             |                                                                            |                                   |                                  |
| Location  | WIN ID/Field ID:                                            |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 12/4/2019 Time 1020 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                              | Bottle<br>Group(s)               |
| Field ID  |                                                             | G2NE1182                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh              | Diss. Oxygen<br>4.47 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —   | B                                |
| WIN/STORE |                                                             | Bull Creek Canal 0.5M Upstr of Dead Lake                                            |                                                                           | Temp<br>(C) 15.2                                            | pH 6.85              | Sample<br>Depth 0.3                                                        | Sp. Conductance<br>(umho/cm) 853  |                                  |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.42                                      | Comments             |                                                                            |                                   |                                  |
| Location  | Location:                                                   | Bull Creek Canal 0.5M Upstr of Dead Lake                                            | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 12/4/2019 Time 1030 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                              | Bottle<br>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)     | C                                |
| WIN/STORE | FIELD ID:                                                   |  |                                                                           | Temp<br>(C)                                                 | pH                   | Sample<br>Depth                                                            | Sp. Conductance<br>(umho/cm)      |                                  |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                           | Comments             |                                                                            |                                   |                                  |

|                                |                             |                           |                                 |                    |                             |
|--------------------------------|-----------------------------|---------------------------|---------------------------------|--------------------|-----------------------------|
| Relinquished By:<br>K. Applyby | Date/Time<br>12/4/2019 1600 | Shipping Method<br>Fed Ex | Number of Coolers Shipped:<br>2 | Received By:<br>KH | Date/Time<br>12.5.19 / 1010 |
|--------------------------------|-----------------------------|---------------------------|---------------------------------|--------------------|-----------------------------|

|          |                                                                                    |                |                 |               |               |                                     |                 |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|-----------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2               |
|          | 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: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2               |
|          | CHLSUITE-W                                                                         |                |                 |               |               |                                     |                 |
| Group: A | Bottle Type:                                                                       | P-120ML-WC-THI | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 → sent to ALS |
|          | NE-ALS-ECQ                                                                         |                |                 |               |               |                                     |                 |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 2               |
|          | W-ICP<br>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<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>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: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2               |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                     |                 |

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: K. Appleby

Collected By: B. Davis &amp; K. Appleby

Sampling Agency: FDEP NE ROL

|              |                                                                                                             |           |                                                                           |                                                                           |                                                                                 |                                                           |                                  |   |
|--------------|-------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|---|
| Lc           | Field ID: <br>G2NE1182 DUP |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>12/4/2019</u> Time <u>1025</u> | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                    | Bottle<br>Group(s)<br>(See pg 2) |   |
| Fix          | Location: Bull Creek Canal 0.5M Upstr of Dead Lake                                                          |           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                                           | Total Res. Chlorine<br>(mg/L)    |   |
| Win          | WIN ID: <br>G2NE1182       |           | Temp<br>(C)                                                               | pH                                                                        | Sample<br>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                                                                        |                                                           |                                  | B |
| Location     |                                                                                                             |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                    | Bottle<br>Group(s)               |   |
| Field ID     |                                                                                                             |           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                                           | Total Res. Chlorine<br>(mg/L)    |   |
| WIN/STORET # |                                                                                                             |           | Temp<br>(C)                                                               | pH                                                                        | Sample<br>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     |                                                                                                             |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                    | Bottle<br>Group(s)               |   |
| Field ID     |                                                                                                             |           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                                           | Total Res. Chlorine<br>(mg/L)    |   |
| WIN/STORET # |                                                                                                             |           | Temp<br>(C)                                                               | pH                                                                        | Sample<br>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     |                                                                                                             |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                    | Bottle<br>Group(s)               |   |
| Field ID     |                                                                                                             |           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                                           | Total Res. Chlorine<br>(mg/L)    |   |
| WIN/STORET # |                                                                                                             |           | Temp<br>(C)                                                               | pH                                                                        | Sample<br>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     |                                                                                                             |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                    | Bottle<br>Group(s)               |   |
| Field ID     |                                                                                                             |           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                                           | Total Res. Chlorine<br>(mg/L)    |   |
| WIN/STORET # |                                                                                                             |           | Temp<br>(C)                                                               | pH                                                                        | Sample<br>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:<br>K. Appleby | Date/Time<br>12/4/2019 1600 | Shipping Method<br>Fed Ex | Number of Coolers Shipped:<br>2 | Received By:<br>KK | Date/Time<br>12-5-19 / 1010 |
|--------------------------------|-----------------------------|---------------------------|---------------------------------|--------------------|-----------------------------|

|          |                                                                                                    |                |                                 |                             |                                                            |
|----------|----------------------------------------------------------------------------------------------------|----------------|---------------------------------|-----------------------------|------------------------------------------------------------|
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: <del>1</del><br>2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>2</u>               |
| Group: B | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-120ML-WC-THI | # of Bottles: <del>2</del><br>4 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>4 → Sent to ALS</u> |
| Group: B | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: <del>1</del><br>2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>2</u>               |
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: <del>1</del><br>2 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab <u>2</u>               |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: <del>1</del><br>2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <u>2</u>               |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: <del>1</del><br>2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab <u>2</u>               |
| 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: 1                 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u>               |
| Group: C | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 1                 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u>               |
| Group: C | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1                 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab <u>1</u>               |

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

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



9143 Philips Highway, Suite 200. Jacksonville, FL 32256  
Phone (904) 739-2277 / 800-695-7222 x06 / FAX (904) 739-2011

SR # \_\_\_\_\_

CAS Contact \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

[illegible]

Date of Request: 25-OCT-2019  
 Created By: PARRISH\_J On: 25-OCT-2019  
 Modified By: WATTS\_J On: 03-DEC-2019  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: LSJR Palatka

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

**Program Module Number:**

Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 03-DEC-2019  
 Biology Request Reviewed By: WATTS\_J On: 03-DEC-2019  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped: YES On: 18-NOV-2019  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 02-DEC-2019  
 Received By:

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

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

Comments: Group A:(Surf-Fresh) Nutrients, Metals, Bacteria  
 Group B(Surf.-Fresh), Nutrients, Metals, Bacteria, Tracers  
 Group C(Blank) Nutrients, Metals

NE-ALS-ECQ  
 Packing Notes:  
 None

**Bottle Group A (Water) With 2 Samples:**

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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-SO4-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 using a maximum of 250 mL of sample                                                  |
| Bottle Type: BP-1L          | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                                                          |
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

Barium  
 Calcium  
 Iron  
 Magnesium  
 Potassium

**Bottle Group A (Water) With 2 Samples:**

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Sodium               |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron               |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                            |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO2NO3             | 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: 2 | Preserved With: FILTER-ICE                                                               |
| W-PO4-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 2 Samples:**

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML  | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                |                      |                                                                                                                                                |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |
| W-ICPMS               | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                |                      |                                                                                                                                                |
| Aluminum              |                      |                                                                                                                                                |
| Antimony              |                      |                                                                                                                                                |
| Arsenic               |                      |                                                                                                                                                |
| Cadmium               |                      |                                                                                                                                                |
| Chromium              |                      |                                                                                                                                                |
| Copper                |                      |                                                                                                                                                |
| Lead                  |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Selenium              |                      |                                                                                                                                                |
| Silver                |                      |                                                                                                                                                |
| Thallium              |                      |                                                                                                                                                |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | 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 Group B (Water) With 2 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML        | Number of Bottles: 2 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |
| Bottle Type: P-1L           | Number of Bottles: 2 | 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-SO4-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 using a maximum of 250 mL of sample                |
| Bottle Type: BP-1L          | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 1 | 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-SO4-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 using a maximum of 250 mL of sample                                                  |
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                |                      |                                                                                                                                                |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |
| W-ICPMS               | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                |                      |                                                                                                                                                |
| Aluminum              |                      |                                                                                                                                                |
| Antimony              |                      |                                                                                                                                                |
| Arsenic               |                      |                                                                                                                                                |
| Cadmium               |                      |                                                                                                                                                |
| Chromium              |                      |                                                                                                                                                |
| Copper                |                      |                                                                                                                                                |
| Lead                  |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Selenium              |                      |                                                                                                                                                |
| Silver                |                      |                                                                                                                                                |
| Thallium              |                      |                                                                                                                                                |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                                                         |
| W-NH3                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| W-NO2NO3             | 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: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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