

RQ-2020-03-09-18

## Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 03/12/2020 @ 10:25

| 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 |                                     |
| 1.1                 |                |                                        |          | 10                                    |               | X  |          |    | 1278 4011 5916                      |
| 1.4                 |                |                                        |          | 8                                     |               | X  |          |    | 1278 4011 5905                      |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO<sub>3</sub> and Formalin preserved samples do **NOT** have a temperature requirement. **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: Tyler

Chlorine detected? (One container checked per Field ID) Yes        No X Init: Tyler

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: Tyler

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 03/12/2020

NCRs (Y/N)? NONE

Event ID: LSJR Palatka 2020  
NE-DIST-2020-03-12-01 (SMP)

NCR #       

Date Received: 12-MAR-2020 10:25

# 

### 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 #4   EXP: 11/05/2020 |
| pH Test Strips 0 – 6 Lot # | 213316AV   EXP: 05/15/2020       |
| pH Paper 0 – 3 Lot #       | N/A                              |
| pH Paper 0 – 13 Lot #      | 215517   EXP: 06/01/2020         |
| Chlorine Test Strips Lot # | 8261   EXP: 07/30/2021           |

### 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: \_\_\_\_\_

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: K. McDonald

Project ID: SMP

Collected By: J. Parrish, K. McDonald

Sampling Agency: FDEP/NEROC

|          |                                                             |                                                                                     |                                                             |                                                                           |                                       |          |              |                                                                                 |                     |                                                                      |                           |                 |      |
|----------|-------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------|----------|--------------|---------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------|---------------------------|-----------------|------|
| Location | WIN ID/Field ID:                                            |    | G2NE1210                                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)       | Date     | Time         | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end       | Date                                                                 | Time                      | Bottle Group(s) |      |
| Field ID |                                                             |                                                                                     |                                                             |                                                                           |                                       | 3/11/20  | 0920         |                                                                                 |                     |                                                                      |                           | D               |      |
| WIN/STC  |                                                             | Dunn Creek at Magnolia Tr.                                                          |                                                             |                                                                           | Matrix (type, e.g., Salt, Fresh, etc) |          | Diss. Oxygen | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine | (mg/L)                                                               |                           |                 |      |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                  | 19.1                                  | pH       | 7.34         | Sample Depth                                                                    | 0.3                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) |                 | 1020 |
|          |                                                             |                                                                                     |                                                             | Salinity (ppt)                                                            | 0.51                                  | Comments |              |                                                                                 |                     |                                                                      |                           |                 |      |
| Location | WIN ID/Field ID:                                            |    | G2NE1187                                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)       | Date     | Time         | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end       | Date                                                                 | Time                      | Bottle Group(s) |      |
| Field ID |                                                             |                                                                                     |                                                             |                                                                           |                                       | 3/11/20  | 0935         |                                                                                 |                     |                                                                      |                           | C               |      |
| WIN/STOI |                                                             | Dunn Creek 0.4miles upstream of US-17                                               |                                                             |                                                                           | Matrix (type, e.g., Salt, Fresh, etc) |          | Diss. Oxygen | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine | (mg/L)                                                               |                           |                 |      |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                  | 19.1                                  | pH       | 7.36         | Sample Depth                                                                    | 0.3                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) |                 | 1017 |
|          |                                                             |                                                                                     |                                                             | Salinity (ppt)                                                            | 0.50                                  | Comments |              |                                                                                 |                     |                                                                      |                           |                 |      |
| Location | WIN ID/Field ID:                                            |    | 20030577                                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)       | Date     | Time         | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end       | Date                                                                 | Time                      | Bottle Group(s) |      |
| Field ID |                                                             |                                                                                     |                                                             |                                                                           |                                       | 3/11/20  | 1000         |                                                                                 |                     |                                                                      |                           | A               |      |
| WIN/ST   |                                                             | MILL BR. @ OLD SAN MATEO RD.                                                        |                                                             |                                                                           | Matrix (type, e.g., Salt, Fresh, etc) |          | Diss. Oxygen | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine | (mg/L)                                                               |                           |                 |      |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                  | 18.8                                  | pH       | 7.16         | Sample Depth                                                                    | 0.13                | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) |                 | 2796 |
|          |                                                             |                                                                                     |                                                             | Salinity (ppt)                                                            | 1.46                                  | Comments |              |                                                                                 |                     |                                                                      |                           |                 |      |
| Location | WIN ID/Field ID:                                            |  | 20030681                                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)       | Date     | Time         | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end       | Date                                                                 | Time                      | Bottle Group(s) |      |
| Field ID |                                                             |                                                                                     |                                                             |                                                                           |                                       | 3/11/20  | 1025         |                                                                                 |                     |                                                                      |                           | D               |      |
| WIN/STOR |                                                             | MILL BRANCH @ McCORMICK RD                                                          |                                                             |                                                                           | Matrix (type, e.g., Salt, Fresh, etc) |          | Diss. Oxygen | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine | (mg/L)                                                               |                           |                 |      |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                  | 18.6                                  | pH       | 7.33         | Sample Depth                                                                    | 0.1                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) |                 | 2608 |
|          |                                                             |                                                                                     |                                                             | Salinity (ppt)                                                            | 1.35                                  | Comments |              |                                                                                 |                     |                                                                      |                           |                 |      |

|                  |              |                 |                            |                |                  |
|------------------|--------------|-----------------|----------------------------|----------------|------------------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By:   | Date/Time        |
| Kelly McDonald   | 3/11/20 1630 | FeDEX           | 2                          | Tyler Reynolds | 03/12/2020 10:25 |

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

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: K. McDonald

Project ID: SMP

Collected By: K. McDonald, J. Parrish

Sampling Agency: FDEP/NEROC

|              |                                                             |                                                                                   |                                                                           |                                                           |                               |                                   |                               |  |
|--------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|-----------------------------------|-------------------------------|--|
| Location     | Field Id/WIN station                                        |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3/11/20 Time 1110 | Eastern<br>Central            | Composite end<br>Date — Time —    | Bottle Group(s)<br>(See pg 2) |  |
| Field ID     | G2NE1211                                                    |                                                                                   | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                           | Diss. Oxygen<br>8.37          | Total Res. Chlorine<br>(mg/L) —   | B                             |  |
| WIN/ST       | Unnamed Ditch 250m upstream of Deep Cr.                     |                                                                                   | Temp (C)<br>18.8                                                          | pH<br>7.47                                                | Sample Depth 0.07             | Sp. Conductance (umho/cm)<br>3188 |                               |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>1.07                                    | Comments                      |                                   |                               |  |
| Location     | WIN ID/Field ID:                                            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3/11/20 Time 1700 | Eastern<br>Central            | Composite end<br>Date — Time —    | Bottle Group(s)               |  |
| Field ID     | 20030557                                                    |                                                                                   | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                           | Diss. Oxygen<br>7.34          | Total Res. Chlorine<br>(mg/L) —   | C                             |  |
| WIN/STO      | MOCCASSIN BRANCH AT WINFORD MASTERS RD                      |                                                                                   | Temp (C)<br>18.9                                                          | pH<br>7.26                                                | Sample Depth 0.3              | Sp. Conductance (umho/cm)<br>1911 |                               |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>0.98                                    | Comments                      |                                   |                               |  |
| Location     |                                                             |                                                                                   | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date — Time —          | Eastern<br>Central            | Composite end<br>Date — Time —    | Bottle Group(s)               |  |
| Field ID     |                                                             |                                                                                   | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>mg/L<br>% sat | Total Res. Chlorine<br>(mg/L)     |                               |  |
| WIN/STORET # |                                                             |                                                                                   | Temp (C)                                                                  | pH                                                        | Sample Depth<br>ft<br>m       | Sp. Conductance (umho/cm)         |                               |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                            | Comments                      |                                   |                               |  |
| Location     |                                                             |                                                                                   | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date — Time —          | Eastern<br>Central            | Composite end<br>Date — Time —    | Bottle Group(s)               |  |
| Field ID     |                                                             |                                                                                   | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>mg/L<br>% sat | Total Res. Chlorine<br>(mg/L)     |                               |  |
| WIN/STORET # |                                                             |                                                                                   | Temp (C)                                                                  | pH                                                        | Sample Depth<br>ft<br>m       | Sp. Conductance (umho/cm)         |                               |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                            | Comments                      |                                   |                               |  |

|                  |           |                 |                                 |                         |                                 |
|------------------|-----------|-----------------|---------------------------------|-------------------------|---------------------------------|
| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped:<br>2 | Received By:<br>Tyler N | Date/Time<br>03/12/2020 @ 10:25 |
|------------------|-----------|-----------------|---------------------------------|-------------------------|---------------------------------|

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

|          |                                                                                                    |                |                 |                             |                                     |          |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|-------------------------------------|----------|
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1 to ALS |
| Group: B | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1        |
| Group: C | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 2        |
| Group: C | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 2        |
| Group: C | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 2 to ALS |
| Group: C | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN                                             | P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2        |

|            |              |                |                 |                             |                                     |                 |
|------------|--------------|----------------|-----------------|-----------------------------|-------------------------------------|-----------------|
| Group: C   | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>2</u>        |
| W-TOC      |              |                |                 |                             |                                     |                 |
| Group: C   | Bottle Type: | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | <u>2</u>        |
| W-PO4-F    |              |                |                 |                             |                                     |                 |
| Group: D   | Bottle Type: | P-250ML-WI-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>2 TO ALS</u> |
| NE-ALS-ECQ |              |                |                 |                             |                                     |                 |



Date of Request: 10-FEB-2020  
 Created By: PARRISH\_J On: 10-FEB-2020  
 Modified By: JASROTIA\_P On: 11-FEB-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: LSJR Palatka 2020

**Send Coolers To:**

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

**Send Final Report To:**

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

**Program Module Number:**

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 11-FEB-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 11-FEB-2020  
 Sampling Kit Required: YES Ship on: 28-FEB-2020  
 Sampling Kit Shipped: YES On: 26-FEB-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 09-MAR-2020  
 Received By: REYNOLDS\_T On: 12-MAR-2020

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, Bacteria, Traers  
 Group C:(Surf.-Fresh)) Nutrients, Bacteria  
 Group D:(Surf.-Fresh)Bacteria

NE-ALS-ECQ  
 Packing Notes:  
 None

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                                                                |
| Color (true)                |                      |                                                                                                                                                |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices                                                                                    |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | 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: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-HARD                      | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |
| Hardness                    |                      |                                                                                                                                                |
| 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                      |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | 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 |
| 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 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-2011) 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 |

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| 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: 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-2011) 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                     |
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | 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 2 Samples:**

|                                   |                   |                                                                                                              |                                                        |
|-----------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Bottle Type: P-1L                 |                   | Number of Bottles: 2                                                                                         | Preserved With: ICE                                    |
| ALKALINITY                        | Template: DEFAULT | (SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |                                                        |
| Color (true)                      |                   |                                                                                                              |                                                        |
| W-F                               | Template: DEFAULT | (SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices                                                  |                                                        |
| W-TSS                             | Template: DEFAULT | (SM 2540 D-2011) 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-250ML-WI-THI       |                   | Number of Bottles: 2                                                                                         | 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: 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |                                                        |
| Bottle Type: P-125ML              |                   | Number of Bottles: 2                                                                                         | 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 D (Water) With 2 Samples:**

|                             |                   |                                                                       |                     |
|-----------------------------|-------------------|-----------------------------------------------------------------------|---------------------|
| Bottle Type: P-250ML-WI-THI |                   | Number of Bottles: 2                                                  | Preserved With: ICE |
| NE-ALS-ECQ                  | Template: DEFAULT | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville |                     |

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

