

RQ- 2018-09-10-23

## Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 09/13/2018 / 09:35

| Cooler Temperature* | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |  |
|---------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------------------------|--|
|                     | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                                                       |  |
|                     |                                        |          |                                       | Yes           | No | Yes      | No |                                                       |  |
| 1.9C                |                                        |          | 20                                    |               | X  |          |    |                                                       |  |
| 1.4C                |                                        |          | 10                                    |               | X  |          |    |                                                       |  |
| 1.8C                |                                        |          | 12                                    |               | X  |          |    |                                                       |  |
|                     |                                        |          |                                       |               |    |          |    |                                                       |  |
|                     |                                        |          |                                       |               |    |          |    |                                                       |  |
|                     |                                        |          |                                       |               |    |          |    |                                                       |  |

\* 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), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

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

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No        Date 9-13-18

## CONTAINER CHECK

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

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

**\*\*Sufficient Sample Volume:** Yes X No       

**CHLORINE CHECK REQUIRED? (Blue dot on container)** Yes ✓ No        Init: ABS

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

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

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

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

Coolers Unpacked/Checked by: ABS Date: 09/13/2018 NCRs (Y/N)? ✓

Event ID: LSJR Southside 1  
NE-DIST-2018-09-13-02 (SMP) NCR #

## Log-in Checklist

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

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

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

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

### Bottles Not Intact

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

### Samples with Insufficient Volume for Analyses

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

### Additional Comments:

|                            |                        |
|----------------------------|------------------------|
| Infrared Thermometer ID:   | REC_03_2018            |
| pH Paper 0.0 – 3.0 Lot #   | 2305 15 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP:09/15/2019  |
| Chlorine Test Strips Lot # | 7226 EXP:20/20/07      |

### 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 Southside 1

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: *Chyan*

Project ID: SMP

Collected By: *Chyanne Riben / Jeremy Parrish*Sampling Agency: *FDEP NE ROC*

|          |                        |                                                                                     |                                                                           |                                                                         |                                                                        |                                                                            |                                                                |
|----------|------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------|
| Loc      | WIN / Field ID:        |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>9/12/18</i> Time <i>0900</i> | <u>Eastern</u><br>Central                                              | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)                                  |
| Field    |                        | 20030825                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br><i>Fresh</i>                   | Diss. Oxygen<br><i>5.9</i>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                  |
| WIN      | MIRAMAR CR @ GADSEN RD |                                                                                     |                                                                           | Temp (C) <i>27.7</i>                                                    | pH <i>7.09</i>                                                         | Sample Depth <i>0.1</i>                                                    | Sp. Conductance (umho/cm) <i>363</i>                           |
| Latitude | <i>30.282833</i>       | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms              | Longitude                                                                 | <i>81.652</i>                                                           | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) <i>0.17</i>                                                 | Comments                                                       |
| Loc      | WIN ID                 |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>9/12/18</i> Time <i>0905</i> | <u>Eastern</u><br>Central                                              | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                                                |
| Field    | Miramar cr@Gadsen Rd   | 20030825                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br><i>Fresh</i>                   | Diss. Oxygen<br><i>5.9</i>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)                                     |
| WIN      | FIELD ID               |    |                                                                           | Temp (C) <i>27.7</i>                                                    | pH <i>7.09</i>                                                         | Sample Depth <i>0.1</i>                                                    | Sp. Conductance (umho/cm) <i>363</i>                           |
| Latitude | <i>30.282833</i>       | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms              | Longitude                                                                 | <i>81.652</i>                                                           | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) <i>0.17</i>                                                 | Comments                                                       |
| Loc      | WIN / Field ID:        |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>9/12/18</i> Time <i>0910</i> | <u>Eastern</u><br>Central                                              | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                                                |
| Field    |                        | G2NE1164                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br><i>Fresh</i>                   | Diss. Oxygen<br><i>4.60</i>                                            | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)                                     |
| WIN      | Miramar at San Jose    |                                                                                     |                                                                           | Temp (C) <i>25.45</i>                                                   | pH <i>6.80</i>                                                         | Sample Depth <i>0.3</i>                                                    | Sp. Conductance (umho/cm) <i>411</i>                           |
| Latitude | <i>30.284139</i>       | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms              | Longitude                                                                 | <i>81.65618</i>                                                         | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) <i>0.20</i>                                                 | Comments                                                       |
| Loc      | WIN / Field ID:        |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>9/12/18</i> Time <i>0940</i> | <u>Eastern</u><br>Central                                              | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                                                |
| Field    |                        | 20030794                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br><i>Fresh</i>                   | Diss. Oxygen<br><i>3.8</i>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)                                     |
| WIN      | MILLER CR @ SCHUMACHER |                                                                                     |                                                                           | Temp (C) <i>24.9</i>                                                    | pH <i>6.56</i>                                                         | Sample Depth <i>0.1</i>                                                    | Sp. Conductance (umho/cm) <i>347</i>                           |
| Latitude | <i>30.300611</i>       | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms              | Longitude                                                                 | <i>81.629916</i>                                                        | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) <i>0.16</i>                                                 | Comments<br><i>Sampled above rd crossing Road construction</i> |

|                  |                     |                 |                            |              |                      |
|------------------|---------------------|-----------------|----------------------------|--------------|----------------------|
| Relinquished By: | Date/Time           | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time            |
| <i>Chyan</i>     | <i>9/12/18 1600</i> | <i>Fedex</i>    | <i>3</i>                   | <i>ABC</i>   | <i>9-13-18 19:35</i> |

|          |                                                                                    |                |                 |               |                            |                                     |              |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|----------------------------|-------------------------------------|--------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1            |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1            |
|          | CHLSUITE-W                                                                         |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1 to ALS Jax |
|          | NE-ALS-ECQ                                                                         |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1            |
|          | PCR-FILTER                                                                         |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | 1            |
|          | W-CARB-AA                                                                          |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 4 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1            |
|          | W-CT-CI-R<br>W-PCL-SQ-R                                                            |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1            |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab | 1            |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |                            |                                     |              |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4              | Enter Number of Bottles Sent to Lab | 1            |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |                            |                                     |              |

|          |                                                                                                    |                |                 |                             |                                     |                     |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|-------------------------------------|---------------------|
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | <u>1</u>            |
| Group: A | Bottle Type:<br>W-PSNP-TQ                                                                          | BG-1L          | # of Bottles: 4 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>4</u>            |
| Group: B | 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 | <u>2</u>            |
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>2</u>            |
| Group: B | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>2 to ALS Jax</u> |
| Group: B | Bottle Type:<br>PCR-FILTER                                                                         | QPCR-P-500ML   | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | <u>2</u>            |
| Group: B | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 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: 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: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>2</u>            |
| Group: B | Bottle Type:                                                                                       | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | <u>2</u>            |

|          |                                                                                                    |                |                 |                             |                                                         |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|---------------------------------------------------------|
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab <u>2</u>            |
| Group: C | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>3 to ALS Jax</u> |
| Group: C | Bottle Type:<br>PCR-FILTER                                                                         | QPCR-P-500ML   | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>3</u>            |
| Group: C | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>3</u>            |
| Group: D | 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: D | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u>            |
| Group: D | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1 to ALS Jax</u> |
| Group: D | Bottle Type:<br>PCR-FILTER                                                                         | QPCR-P-500ML   | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u>            |
| Group: D | 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: D | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN                                             | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <u>1</u>            |

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

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

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: *Chyanne*Collected By: *Chyanne Riden / Jeremy Parrish*Sampling Agency: *FL DEP NE20C*

|              |                 |                                                                                   |           |                                                                           |                                                             |                                                                                 |               |                           |      |
|--------------|-----------------|-----------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|---------------------------|------|
| Loca         | WIN / Field ID: |  | 20030828  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)                             | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end | Bottle Group(s)           |      |
| Field        |                 |                                                                                   |           | Date                                                                      | 9/12/18                                                     | Time                                                                            | 1000          | (See pg 2)                |      |
| WIN/         |                 |                                                                                   |           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh                                                       | Diss. Oxygen                                                                    | 6.51          |                           |      |
| Latitude     | 30.3027         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude | 81.3027                                                                   | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                        | 25.5          | pH                        | 7.07 |
| Loca         | WIN / Field ID: |  | 20030068  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)                             | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end | Bottle Group(s)           |      |
| Field        |                 |                                                                                   |           | Date                                                                      | 9/12/18                                                     | Time                                                                            | 1025          |                           |      |
| WIN/         |                 |                                                                                   |           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh                                                       | Diss. Oxygen                                                                    | 4.14          |                           |      |
| Latitude     | 30.26424        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude | 81.59001                                                                  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                        | 26.9          | pH                        | 7.03 |
| Loca         | WIN / Field ID: |  | 20030064  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)                             | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end | Bottle Group(s)           |      |
| Field        |                 |                                                                                   |           | Date                                                                      | 9/12/18                                                     | Time                                                                            | 1045          |                           |      |
| WIN/         |                 |                                                                                   |           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh                                                       | Diss. Oxygen                                                                    | 5.54          |                           |      |
| Latitude     | 30.25725        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude | 81.5809444                                                                | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                        | 26.3          | pH                        | 7.23 |
| Location     |                 |                                                                                   |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)                             | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            | Composite end | Bottle Group(s)           |      |
| Field ID     |                 |                                                                                   |           | Date                                                                      |                                                             | Time                                                                            |               |                           |      |
| WIN/STORET # |                 |                                                                                   |           | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                             | Diss. Oxygen                                                                    |               |                           |      |
| Latitude     |                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       | Longitude |                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                                                                        |               | pH                        |      |
|              |                 |                                                                                   |           | Salinity (ppt)                                                            |                                                             | Sample Depth                                                                    |               | Sp. Conductance (umho/cm) |      |

|                  |           |                 |                            |              |                |
|------------------|-----------|-----------------|----------------------------|--------------|----------------|
| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time      |
|                  |           |                 |                            | <i>AB</i>    | 9-13-18 / 1935 |

|          |              |                |                 |               |                            |                                           |
|----------|--------------|----------------|-----------------|---------------|----------------------------|-------------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab _____ |
|          | 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 _____ |
|          | 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: | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab _____ |
|          | PCR-FILTER   |                |                 |               |                            |                                           |
| Group: A | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab _____ |
|          | W-CARB-AA    |                |                 |               |                            |                                           |
| Group: A | Bottle Type: | BG-500ML       | # of Bottles: 4 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab _____ |
|          | W-CT-CI-R    |                |                 |               |                            |                                           |
|          | W-PCL-SQ-R   |                |                 |               |                            |                                           |
| Group: A | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab _____ |
|          | W-E8321-DI   |                |                 |               |                            |                                           |
|          | W-E8321-MS   |                |                 |               |                            |                                           |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab _____ |
|          | 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        |                |                 |               |                            |                                           |

# CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x08 • FAX (904) 739-2011 PAGE 1 OF 1

SR# \_\_\_\_\_  
CAS Contract \_\_\_\_\_

|                                                                                   |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------|--|-----------------------------------------------------------------------|---------|------|--|-----------------|--|--|--|--------------|--|--|--|-----------------|--|-------------------------|--|--------------|--|----------------------------------------------------------------|--|------|--|----------------------|--|--|--|--|--|--|--|--|--|--|--|
| Project Name<br><b>LJR Southside 1</b>                                            |  | Project Number                                            |  | ANALYSIS REQUESTED (Include Method Number and Container Preservative) |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Project Manager<br><b>Jeremy Parrish</b>                                          |  | Email Address<br><b>DEP-overflowmicro@dep.state.fl.us</b> |  | PRESERVATIVE                                                          | 8       |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Company/Address<br><b>FDEP DEAR 8800 Baymeadows Way<br/>Jacksonville FL 32256</b> |  |                                                           |  | NUMBER OF CONTAINERS                                                  | E. coli |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Phone #<br><b>754-1700</b>                                                        |  | FAX #                                                     |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Sampler's Signature<br><i>Chyanne R</i>                                           |  | Sampler's Printed Name<br><b>Chyanne Rubin</b>            |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| CLIENT SAMPLE ID                                                                  |  | LAB ID                                                    |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | SAMPLING DATE                                                  |  | TIME |  | MATRIX               |  |  |  |  |  |  |  |  |  |  |  |
| 20030825                                                                          |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | 9/12/18                                                        |  | 0900 |  | W                    |  |  |  |  |  |  |  |  |  |  |  |
| 20030825 DUP                                                                      |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | 9/12/18                                                        |  | 0905 |  | W                    |  |  |  |  |  |  |  |  |  |  |  |
| 62NE1164                                                                          |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | 9/12/18                                                        |  | 0910 |  | W                    |  |  |  |  |  |  |  |  |  |  |  |
| 20030794                                                                          |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | 9/12/18                                                        |  | 0940 |  | W                    |  |  |  |  |  |  |  |  |  |  |  |
| 20030828                                                                          |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | 9/12/18                                                        |  | 1000 |  | W                    |  |  |  |  |  |  |  |  |  |  |  |
| 20030068                                                                          |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | 9/12/18                                                        |  | 1025 |  | W                    |  |  |  |  |  |  |  |  |  |  |  |
| 20030064                                                                          |  |                                                           |  | 9/12/18                                                               |         | 1045 |  | W               |  |  |  |              |  |  |  |                 |  |                         |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| SPECIAL INSTRUCTIONS/COMMENTS                                                     |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  | TURNAROUND REQUIREMENTS |  |              |  | REPORT REQUIREMENTS                                            |  |      |  | INVOICE INFORMATION  |  |  |  |  |  |  |  |  |  |  |  |
| See QAPP <input type="checkbox"/> <span style="margin-left: 100px;">0.0°C</span>  |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  | RUSH (SURCHARGES APPLY) |  |              |  | I. Results Only                                                |  |      |  | PO #<br><br>BILL TO: |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  | STANDARD                |  |              |  | II. Results + QC Summaries (LCS, DUP, MS/MSD as required)      |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  | REQUESTED FAX DATE      |  |              |  | III. Results + QC and Calibration Summaries                    |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  | REQUESTED REPORT DATE   |  |              |  | IV. Data Validation Report with Raw Data                       |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | V. Specialized Forms / Custom Report                           |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                   |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  |                         |  |              |  | Edata <input type="checkbox"/> Yes <input type="checkbox"/> No |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| SAMPLE RECEIPT: CONDITION/COOLER TEMP:                                            |  |                                                           |  |                                                                       |         |      |  |                 |  |  |  |              |  |  |  |                 |  | CUSTODY SEALS: Y N      |  |              |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| RELINQUISHED BY                                                                   |  |                                                           |  | RECEIVED BY                                                           |         |      |  | RELINQUISHED BY |  |  |  | RECEIVED BY  |  |  |  | RELINQUISHED BY |  |                         |  | RECEIVED BY  |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Signature <i>Chyanne R</i>                                                        |  |                                                           |  | Signature <i>DALE BLACKWELL</i>                                       |         |      |  | Signature       |  |  |  | Signature    |  |  |  | Signature       |  |                         |  | Signature    |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Printed Name <b>Chyanne Rubin</b>                                                 |  |                                                           |  | Printed Name <b>DALE BLACKWELL</b>                                    |         |      |  | Printed Name    |  |  |  | Printed Name |  |  |  | Printed Name    |  |                         |  | Printed Name |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Firm <b>FDEP</b>                                                                  |  |                                                           |  | Firm <b>ALS</b>                                                       |         |      |  | Firm            |  |  |  | Firm         |  |  |  | Firm            |  |                         |  | Firm         |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |
| Date/Time <b>9/12/18 1112</b>                                                     |  |                                                           |  | Date/Time <b>9.12.18 1112</b>                                         |         |      |  | Date/Time       |  |  |  | Date/Time    |  |  |  | Date/Time       |  |                         |  | Date/Time    |  |                                                                |  |      |  |                      |  |  |  |  |  |  |  |  |  |  |  |

Date of Request: 09-AUG-2018  
 Created By: PARRISH\_J On: 09-AUG-2018  
 Modified By: SWANSON\_C On: 24-AUG-2018  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: LSJR Southside 1

**Send Coolers To:**

Phone: 804-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Jeremy Parrish

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Jeremy Parrish

Program Module Number:

Priority: 3

Event Status: R

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS\_J On: 23-AUG-2018

Biology Request Reviewed By: SWANSON\_C On: 24-AUG-2018

Sampling Kit Required: YES Ship on: 31-AUG-2018

Sampling Kit Shipped: YES On: 05-SEP-2018

Sampling Kit Packed By: REYNOLDS\_T

Preservatives Needed: NO

Date to Receive Samples: 10-SEP-2018

Received By: SHAIK\_A On: 13-SEP-2018

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments:

**Bottle Group A (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 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: 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: BG-1L          | Number of Bottles: 4 | Preserved With: ICE                                                                                                     |
| W-PSNP-TQ                   | Template: DEFAULT    | (EPA 8270D) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                                      |
| 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) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | Preserved With: ICE                                                                                                     |
| PCR-FILTER                  | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                           |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: CH2ClCOOH Pre-Preserved                                                                                 |
| W-CARB-AA                   | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                                  |
| Bottle Type: BG-500ML       | Number of Bottles: 4 | Preserved With: ICE                                                                                                     |
| W-CT-CI-R                   | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization                       |
| W-PCL-SQ-R                  | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM                                                    |

**Bottle Group A (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: 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               |                      |                                                                                                                                                |
| Chromium              |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| 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                    |
| Arsenic               |                      |                                                                                                                                                |
| Cadmium               |                      |                                                                                                                                                |
| Copper                |                      |                                                                                                                                                |
| Lead                  |                      |                                                                                                                                                |
| Silver                |                      |                                                                                                                                                |
| 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-00) Nonpurgeable Organic Carbon in aqueous matrices                                                                                 |

**Bottle Group B (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-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville                        |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| PCR-FILTER                  | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                                                  |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template:            | (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 |
| Calcium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |

**Bottle Group B (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 |
| 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                    |
| Arsenic              |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| 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 C (Water) With 3 Samples:**

|                             |                      |                                                                                                                         |
|-----------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 3 | Preserved With: ICE                                                                                                     |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville |

|                           |                      |                                                                               |
|---------------------------|----------------------|-------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML | Number of Bottles: 3 | Preserved With: ICE                                                           |
| PCR-FILTER                | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis |

|                       |                      |                                                                                         |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 3 | Preserved With: ICE                                                                     |
| W-E8321-DI            | Template:            | (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 Group D (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 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: 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) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville |

|                           |                      |                                                                               |
|---------------------------|----------------------|-------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML | Number of Bottles: 1 | Preserved With: ICE                                                           |
| PCR-FILTER                | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis |

|                       |                      |                                                                                         |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| W-E8321-DI            | Template:            | (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-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.

## Cooler Packing Worksheet for Request: RQ-2018-09-10-23

LSJR Southside 1

Ship Cooler On: 8/31/2018

Customer/Project: NE-DIST/SMP

Assigned To: REYNOLDS\_T

Requester: Jeremy M. Parrish

Priority: 3

904-256-1700  
8800 Baymeadows Way West  
Suite 100  
Jacksonville, FL 32256-7577  
Attn: Jeremy Parrish

Please return  
packing list with  
sample submittal  
forms.

## Comments:

No preservatives needed.

## Requested Analyses:

Bottle Group: A# of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00071878

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

DescriptionAlkalinity in aqueous matrices as mg CaCO<sub>3</sub>/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1232362

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: ICE

Lot # 118005

Description: 250 ml Sterilized with tablet

AnalysisDescription

Container ID: QPCR-P-500ML

Qty: 1 Preservation: ICE

Lot # 00071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 1 Preservation: CH<sub>2</sub>ClCOOH Pre-Preserved

Lot # 00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot # 00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

W-PCL-SQ-R

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

W-E8321-MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1 Preservation: HNO<sub>3</sub>

Lot # 00072047

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

W-ICPMS

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 0604 <sup>72644</sup>

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3  
W-NO2NO3  
W-S-A-TP  
W-TKN  
W-TOC

**Description**

Ammonia in aqueous matrices as mg N/L  
Nitrite/Nitrate in aqueous matrices as mg N/L  
Total Phosphorus in aqueous matrices as mg P/L  
Total Kjeldahl Nitrogen in aqueous matrices  
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00668595

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00071820

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

**Analysis**

W-PSNP-TQ

**Description**

Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

**Bottle Group: B**

**# of Sites: 2**

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00071878

Description: Plastic Bottle 1L

**Analysis**

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

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L  
Turbidity in aqueous matrices  
Chloride in aqueous matrices  
True Color measured at 450 nm  
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
Sulfate in aqueous matrices  
Total Dissolved Solids in aqueous matrices  
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1276232

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 2 Preservation: ICE

Lot # 618005

Description: 250 ml Sterilized with tablet

**Analysis**

NE-ALS-ECQ

**Description**

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

Container ID: QPCR-P-500ML

Qty: 2 Preservation: ICE

Lot # 00071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

**Analysis**

PCR-FILTER

**Description**

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00071457

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

**Analysis**

W-E8321-DI

W-E8321-MS

**Description**

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

**Analysis**

W-ICP

W-ICPMS

**Description**

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00072041

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3  
W-NO2NO3  
W-S-A-TP  
W-TKN  
W-TOC

**Description**

Ammonia in aqueous matrices as mg N/L  
Nitrite/Nitrate in aqueous matrices as mg N/L  
Total Phosphorus in aqueous matrices as mg P/L  
Total Kjeldahl Nitrogen in aqueous matrices  
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: FILTER-ICE

Lot # 00068795

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

**Bottle Group: C**

**# of Sites: 3**

Container ID: P-250ML-WI-THI

Qty: 3 Preservation: ICE

Lot # 618005

Description: 250 ml Sterilized with tablet

**Analysis**

NE-ALS-ECQ

**Description**

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

Container ID: QPCR-P-500ML

Qty: 3 Preservation: ICE

Lot # 00071432

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

**Analysis**

PCR-FILTER

**Description**

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 3 Preservation: ICE

Lot # 00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

**Analysis**

W-E8321-DI  
W-E8321-MS

**Description**

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

**Bottle Group: D****# of Sites: 1**

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 01071978

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1232362

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: ICE

Lot # 118005

Description: 250 ml Sterilized with tablet

**Analysis**

NE-ALS-ECQ

**Description**

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

Container ID: QPCR-P-500ML

Qty: 1 Preservation: ICE

Lot # 00071757

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

**Analysis**

PCR-FILTER

**Description**

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

**Analysis**

W-E8321-DI

**Description**

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

**Description**

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00068895

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: Tyler K Number of Coolers: 4 Date: 09/05/18

## Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

## If Preservation Included:

|          |           |             |
|----------|-----------|-------------|
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-09-10-23**

Do Not Lift Usin

ORIGIN ID: TLHA  
JEREMY PARISH  
FL DEP NORTH  
8800 BAYVIEW  
SUITE 100  
JACKSONVILLE  
FL 32256  
(904) 807-3300  
NORTH DISTRICT  
JACKSONVILLE  
FL 32256

JOHN WATTS  
FLORIDA DEP/CHEMISTRY SECT  
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399  
(850) 245-8077



TRK# 4385 5033 2110  
0221

RETURNS MON  
PRIORITY OVERNIGHT

THU - 13 SEP 10:30A  
PRIORITY OVERNIGHT

36 TLHA

FedEx  
TRK# 4385 5033 2110  
0221



THU - 13 SEP 10:30A  
PRIORITY OVERNIGHT

32399  
FL-IL  
TLHA

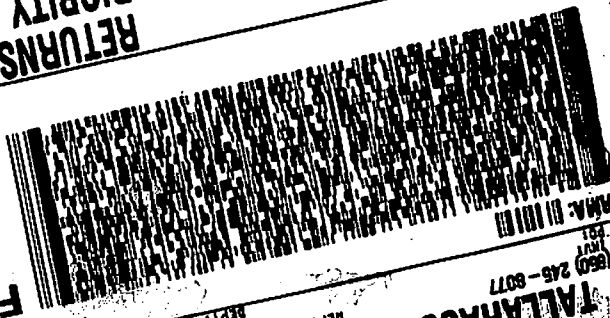
FedEx  
TRK# 4385 5033 2121  
0221

36 TLHA



RETURNS MON - FRI  
PRIORITY OVERNIGHT

TRK# 4385 5033 2121  
0221



JOHN WATTS  
FLORIDA DEP/CHEMISTRY SECTION  
2600 BLAIRSTONE RD  
TALLAHASSEE FL 32399  
(850) 245-8077

SHIP DATE: 05SEP18  
ACTWGT: 10.00 LB  
CADD: 0448970/CFFE3210

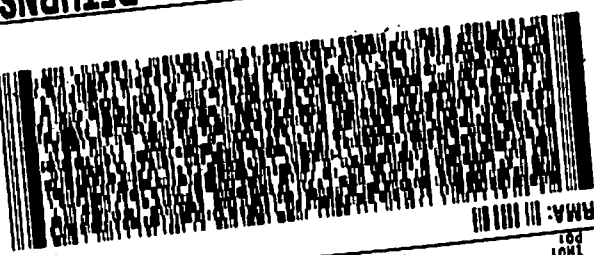
FedEx  
TRK# 4385 5033 2132  
0221

36 TLHA



RETURNS MON - FRI  
PRIORITY OVERNIGHT

TRK# 4385 5033 2132  
0221



JOHN WATTS  
FLORIDA DEP/CHEMISTRY SECTION  
2600 BLAIRSTONE RD  
TALLAHASSEE FL 32399  
(850) 245-8077

SHIP DATE: 05SEP18  
ACTWGT: 10.00 LB  
CADD: 0448970/CFFE3210