

RQ- 2020-07-20-29

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/24/2020 10:45

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.9<br>1.7          |                 |                                        |          | 11 16                                 |               | ✓  |          |    | 127840152222       |
|                     |                 |                                        |          |                                       |               | ✓  |          |    | 127840152233       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

Yes ☒ No ☐If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☒ No ☐ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

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

\*\*Acid Preserved Samples: pH &lt; 2.0?

Yes ☒ No ☐ NA ☐ Init: IM

\*\*W-1-4-DIOX (Green dot on container) preserved to pH &lt; 4.0?

Yes ☐ No ☐ NA ☒ Init: IM

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

Coolers Unpacked/Checked by: IM

Date: 7/24/2020

Event contains NCRs (Y/N)? ☒

Event ID: LSJR West 2020

NE-DIST-2020-07-24-01 (SMP)

Page 1 of 2, 0 Date Received: 24-JUL-2020 10:45

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:11/5/20 |
| pH Test Strips 0 – 6     |                            |
| pH Paper 0 – 3           |                            |
| pH Paper 0 – 13          | 231019 exp: 11/1/22        |
| Chlorine Test Strips     | 8261 exp: 07/2021          |

### ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ Init: \_\_\_\_\_

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

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

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

**If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_**

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

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

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

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NE-DIST

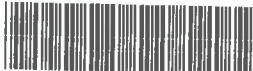
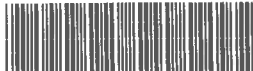
Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: K McDonald

Collected By: J Parrish &amp; K McDonald

Sampling Agency: FDEP NE ROC

|           |                                                             |                                                                                     |                                                             |                                                                           |                                 |                       |            |                                                                            |                     |                                                                                 |                 |           |       |      |   |                 |            |
|-----------|-------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------|-----------------------|------------|----------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------|-----------------|-----------|-------|------|---|-----------------|------------|
| Location  | WIN ID/Field ID:                                            |    | 20030346                                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab) | Date                  | 07/23/20   | Time                                                                       | 0920                | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end   | Date      |       | Time |   | Bottle Group(s) | (See pg 2) |
| Field ID  | MCGIRTS CREEK AT OLD PLANK ROAD                             |                                                                                     |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh                           | Diss. Oxygen          | 6.16       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine | (mg/L)                                                                          |                 |           |       |      | A |                 |            |
| WIN/STC   |                                                             |                                                                                     |                                                             | Temp (C)                                                                  | 24.3                            | pH                    | 6.45       | Sample Depth                                                               | 0.3                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m            | Sp. Conductance | (umho/cm) | 157.8 |      |   |                 |            |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                                                            | 0.07                            | Comments              |            |                                                                            |                     |                                                                                 |                 |           |       |      |   |                 |            |
| Location  | Location:                                                   | McGirts Creek at Old Plank Rd                                                       |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab) | Date                  | 7/23/20    | Time                                                                       | 0930                | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end   | Date      |       | Time |   | Bottle Group(s) |            |
| Field ID  | FIELD ID:                                                   |                                                                                     |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh                           | Diss. Oxygen          |            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine | (mg/L)                                                                          |                 |           |       |      | E |                 |            |
| WIN/STOR  |                                                             |                                                                                     |                                                             | Temp (C)                                                                  |                                 | pH                    |            | Sample Depth                                                               |                     | <input type="checkbox"/> ft<br><input type="checkbox"/> m                       | Sp. Conductance | (umho/cm) |       |      |   |                 |            |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                                                            |                                 | Comments: Field Blank |            |                                                                            |                     |                                                                                 |                 |           |       |      |   |                 |            |
| Location  | WIN ID/Field ID:                                            |    | 20030549                                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab) | Date                  | 7/23/20    | Time                                                                       | 1040                | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end   | Date      |       | Time |   | Bottle Group(s) |            |
| Field ID  | YELLOW WATER CR AT SR 228                                   |                                                                                     |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh                           | Diss. Oxygen          | 5.77       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine | (mg/L)                                                                          |                 |           |       |      | C |                 |            |
| WIN/STORE |                                                             |                                                                                     |                                                             | Temp (C)                                                                  | 24.6                            | pH                    | 6.48       | Sample Depth                                                               | 0.3                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m            | Sp. Conductance | (umho/cm) | 100.5 |      |   |                 |            |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                                                            | 0.05                            | Comments              |            |                                                                            |                     |                                                                                 |                 |           |       |      |   |                 |            |
| Location  | WIN ID/Field ID:                                            |  | G2NE1183                                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab) | Date                  | 07/23/2020 | Time                                                                       | 1115                | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end   | Date      |       | Time |   | Bottle Group(s) |            |
| Field ID  | WILLS BR at Watergate rd.                                   |                                                                                     |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh                           | Diss. Oxygen          | 3.18       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine | (mg/L)                                                                          |                 |           |       |      | D |                 |            |
| WIN/STOR  |                                                             |                                                                                     |                                                             | Temp (C)                                                                  | 28.8                            | pH                    | 6.93       | Sample Depth                                                               | 0.3                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m            | Sp. Conductance | (umho/cm) | 302.3 |      |   |                 |            |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                                                            | 0.14                            | Comments              |            |                                                                            |                     |                                                                                 |                 |           |       |      |   |                 |            |

|                  |                |                 |                            |              |               |
|------------------|----------------|-----------------|----------------------------|--------------|---------------|
| Relinquished By: | Date/Time      | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time     |
| K McDonald       | 7/23/2020 1530 | FedEx           | 2                          | IM           | 7/24/20 10:45 |

|          |                                                                                    |                |                 |               |               |                                           |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | 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 _____ |
|          | 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-BACR<br>PCR-DG3<br>PCR-HF183                                                   |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F                                                                            |                |                 |               |               |                                           |
| Group: B | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR                                      |                |                 |               |               |                                           |

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: K. McDonald

Collected By: JParrish + KMcDonald

Sampling Agency: FBEP NEROC

|              |  |                                                             |  |                                                                                   |  |                                                             |  |                                                                           |  |                                 |  |                                                                                 |  |                                                                      |  |                           |  |
|--------------|--|-------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------|--|---------------------------------------------------------------------------|--|---------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|---------------------------|--|
| Location     |  | WIN ID/Field ID:                                            |  |  |  | 20030751                                                    |  | <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 ID     |  |                                                             |  |                                                                                   |  |                                                             |  | Date                                                                      |  | Time                            |  | Date                                                                            |  | Time                                                                 |  | (See pg 2)                |  |
| WIN/STO      |  | TROUT RIVER AT GARDEN ST                                    |  |                                                                                   |  |                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                    |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      |  | Total Res. Chlorine (mg/L)                                           |  |                           |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude                                                                         |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Temp (C)                                                                  |  | pH                              |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  | Sp. Conductance (umho/cm) |  |
|              |  |                                                             |  |                                                                                   |  |                                                             |  | Salinity (ppt)                                                            |  | Comments                        |  |                                                                                 |  |                                                                      |  |                           |  |
| 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                            |  | Date                                                                            |  | Time                                                                 |  |                           |  |
| WIN/STORET # |  |                                                             |  |                                                                                   |  |                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 |  | Total Res. Chlorine (mg/L)                                           |  |                           |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude                                                                         |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Temp (C)                                                                  |  | pH                              |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance (umho/cm) |  |
|              |  |                                                             |  |                                                                                   |  |                                                             |  | Salinity (ppt)                                                            |  | Comments                        |  |                                                                                 |  |                                                                      |  |                           |  |
| 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                            |  | Date                                                                            |  | Time                                                                 |  |                           |  |
| WIN/STORET # |  |                                                             |  |                                                                                   |  |                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 |  | Total Res. Chlorine (mg/L)                                           |  |                           |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude                                                                         |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Temp (C)                                                                  |  | pH                              |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance (umho/cm) |  |
|              |  |                                                             |  |                                                                                   |  |                                                             |  | Salinity (ppt)                                                            |  | Comments                        |  |                                                                                 |  |                                                                      |  |                           |  |
| 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                            |  | Date                                                                            |  | Time                                                                 |  |                           |  |
| WIN/STORET # |  |                                                             |  |                                                                                   |  |                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 |  | Total Res. Chlorine (mg/L)                                           |  |                           |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude                                                                         |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Temp (C)                                                                  |  | pH                              |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance (umho/cm) |  |
|              |  |                                                             |  |                                                                                   |  |                                                             |  | Salinity (ppt)                                                            |  | Comments                        |  |                                                                                 |  |                                                                      |  |                           |  |
| 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                            |  | Date                                                                            |  | Time                                                                 |  |                           |  |
| WIN/STORET # |  |                                                             |  |                                                                                   |  |                                                             |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 |  | Total Res. Chlorine (mg/L)                                           |  |                           |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude                                                                         |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Temp (C)                                                                  |  | pH                              |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance (umho/cm) |  |
|              |  |                                                             |  |                                                                                   |  |                                                             |  | Salinity (ppt)                                                            |  | Comments                        |  |                                                                                 |  |                                                                      |  |                           |  |

|                  |              |                 |                            |              |               |
|------------------|--------------|-----------------|----------------------------|--------------|---------------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time     |
| K. McDonald      | 7/23/20 1530 | FedEx           | 2                          | IM           | 7/24/20 10:45 |

|          |                                                                                    |                |                 |               |               |                                     |          |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|----------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | CHLSUITE-W                                                                         |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to ALS |
|          | NE-ALS-ECQ                                                                         |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | PCR-BACR<br>PCR-DG3<br>PCR-HF183                                                   |                |                 |               |               |                                     |          |
| 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: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1        |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |               |                                     |          |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1        |
|          | W-PO4-F                                                                            |                |                 |               |               |                                     |          |
| Group: B | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR                                      |                |                 |               |               |                                     |          |

|          |              |                |                 |               |               |                                     |          |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|----------|
| Group: B | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | W-F          |                |                 |               |               |                                     |          |
|          | W-SO4-IC     |                |                 |               |               |                                     |          |
|          | W-TDS        |                |                 |               |               |                                     |          |
|          | W-TSS        |                |                 |               |               |                                     |          |
| Group: B | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | CHLSUITE-W   |                |                 |               |               |                                     |          |
| Group: B | Bottle Type: | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to ALS |
|          | NE-ALS-ECQ   |                |                 |               |               |                                     |          |
| Group: B | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | W-E8321-DI   |                |                 |               |               |                                     |          |
|          | W-E8321-MS   |                |                 |               |               |                                     |          |
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1        |
|          | W-HARD       |                |                 |               |               |                                     |          |
|          | W-ICP        |                |                 |               |               |                                     |          |
|          | W-ICPMS      |                |                 |               |               |                                     |          |
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1        |
|          | W-NH3        |                |                 |               |               |                                     |          |
|          | W-NO2NO3     |                |                 |               |               |                                     |          |
|          | W-S-A-TP     |                |                 |               |               |                                     |          |
|          | W-TKN        |                |                 |               |               |                                     |          |
|          | W-TOC        |                |                 |               |               |                                     |          |
| Group: B | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1        |
|          | W-PO4-F      |                |                 |               |               |                                     |          |
| Group: C | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
|          | ALKALINITY   |                |                 |               |               |                                     |          |
|          | TURBIDITY    |                |                 |               |               |                                     |          |
|          | W-CL-IC      |                |                 |               |               |                                     |          |
|          | W-COLOR      |                |                 |               |               |                                     |          |
|          | W-F          |                |                 |               |               |                                     |          |
|          | W-SO4-IC     |                |                 |               |               |                                     |          |
|          | W-TDS        |                |                 |               |               |                                     |          |
|          | W-TSS        |                |                 |               |               |                                     |          |

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

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

W-S-A-TP  
W-TKN  
W-TOC

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

W-PO4-F

Group: E      Bottle Type: P-1L      # of Bottles: 1      Preservative: ICE      Enter Number of Bottles Sent to Lab 1

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

Group: E      Bottle Type: BG-500ML      # of Bottles: 1      Preservative: ICE      Enter Number of Bottles Sent to Lab 1

W-E8321-DI  
W-E8321-MS

Group: E      Bottle Type: P-500ML      # of Bottles: 1      Preservative: HNO3      Enter Number of Bottles Sent to Lab 1

W-HARD  
W-ICP  
W-ICPMS

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

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

Group: E      Bottle Type: P-125ML      # of Bottles: 1      Preservative: FILTER-ICE      Enter Number of Bottles Sent to Lab 1

W-PO4-F



SR #

ALS Contact: Mandy Sullivan

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

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[illegible]

Date of Request: 25-JUN-2020  
 Created By: PARRISH\_J On: 25-JUN-2020  
 Modified By: JASROTIA\_P On: 02-JUL-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: LSJR West 2020

**Send Coolers To:**

Phone: 904-256-1693  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 01-JUL-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 02-JUL-2020  
 Sampling Kit Required: YES Ship on: 15-JUL-2020  
 Sampling Kit Shipped: YES On: 10-JUL-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 20-JUL-2020  
 Logged In By:

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

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

NE-ALS-ECQ

Packing Notes:

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

|                             |                      |                                                                                                                                               |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                    |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                            |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                             |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                                                               |
| Color (true)                |                      |                                                                                                                                               |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-SO <sub>4</sub> -IC       | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                              |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                                                   |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                               |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                  |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                                                         |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                    | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| PCR-DG3                     | Template: DEFAULT    | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction      |

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

|                           |                      |                                                                                                                                           |
|---------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| PCR-HF183                 | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction |
| Bottle Type: BG-500ML     | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| W-E8321-DI                | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                   |
| W-E8321-MS                | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                   |
| Bottle Type: P-500ML      | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                                             |
| W-NH3                     | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                |
| W-NO2NO3                  | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                        |
| W-S-A-TP                  | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                       |
| W-TKN                     | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                          |
| W-TOC                     | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                          |
| Bottle Type: P-125ML      | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                                                                |
| W-PO4-F                   | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                                                  |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                                                          |
| Bottle Type: 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-HARD                      | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                      |                      |                                                                                                                                                |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                      |                      |                                                                                                                                                |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |
| Thallium                    |                      |                                                                                                                                                |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                                                  |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |
| Bottle Type: P-125ML        | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                                                                     |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                                                       |
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                  |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                                                                |
| Color (true)                |                      |                                                                                                                                                |

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

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L  | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| W-F                | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-SO4-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS              | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS              | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L    | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY           | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                  |
| TURBIDITY            | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC              | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR              | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                                                                |
| Color (true)         |                      |                                                                                                                                                |
| W-F                  | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                         |
| W-SO4-IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                                                    |
| W-TSS                | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L   | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W           | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD               | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness             |                      |                                                                                                                                                |
| W-ICP                | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium               |                      |                                                                                                                                                |
| Calcium              |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron               |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

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

|                                   |                   |                                                                                                              |                                                        |
|-----------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Bottle Type: P-1L                 |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE                                    |
| ALKALINITY                        | Template: DEFAULT | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |                                                        |
| TURBIDITY                         | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |                                                        |
| W-CL-IC                           | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |                                                        |
| W-COLOR                           | Template: DEFAULT | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |                                                        |
| Color (true)                      |                   |                                                                                                              |                                                        |
| W-F                               | Template: DEFAULT | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |                                                        |
| W-SO <sub>4</sub> -IC             | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |                                                        |
| W-TDS                             | Template: DEFAULT | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |                                                        |
| W-TSS                             | Template: DEFAULT | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |                                                        |
| Bottle Type: BP-1L                |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE                                    |
| CHLSUITE-W                        | Template: DEFAULT | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |                                                        |
| Bottle Type: P-250ML-WI-THI       |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE                                    |
| NE-ALS-ECQ                        | Template: DEFAULT | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |                                                        |
| Bottle Type: BG-500ML             |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE                                    |
| W-E8321-DI                        | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |                                                        |
| W-E8321-MS                        | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |                                                        |
| Bottle Type: P-500ML              |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub> |
| W-NH <sub>3</sub>                 | Template: DEFAULT | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |                                                        |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |                                                        |
| W-S-A-TP                          | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |                                                        |
| W-TKN                             | Template: DEFAULT | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |                                                        |
| W-TOC                             | Template: DEFAULT | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |                                                        |
| Bottle Type: P-125ML              |                   | Number of Bottles: 1                                                                                         | Preserved With: FILTER-ICE                             |
| W-PO <sub>4</sub> -F              | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |                                                        |

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

|                       |                   |                                                                                                                                                |                                  |
|-----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Bottle Type: P-1L     |                   | Number of Bottles: 1                                                                                                                           | Preserved With: ICE              |
| ALKALINITY            | Template: DEFAULT | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                     |                                  |
| TURBIDITY             | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |                                  |
| W-CL-IC               | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |                                  |
| W-COLOR               | Template: DEFAULT | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                                                                |                                  |
| Color (true)          |                   |                                                                                                                                                |                                  |
| W-F                   | Template: DEFAULT | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                         |                                  |
| W-SO <sub>4</sub> -IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |                                  |
| W-TDS                 | Template: DEFAULT | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                                                    |                                  |
| W-TSS                 | Template: DEFAULT | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |                                  |
| Bottle Type: BG-500ML |                   | Number of Bottles: 1                                                                                                                           | Preserved With: ICE              |
| W-E8321-DI            | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |                                  |
| W-E8321-MS            | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |                                  |
| Bottle Type: P-500ML  |                   | Number of Bottles: 1                                                                                                                           | Preserved With: HNO <sub>3</sub> |
| W-HARD                | Template: DEFAULT | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |                                  |
| Hardness              |                   |                                                                                                                                                |                                  |
| W-ICP                 | Template:         | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |                                  |
| Barium                |                   |                                                                                                                                                |                                  |
| Calcium               |                   |                                                                                                                                                |                                  |
| Iron                  |                   |                                                                                                                                                |                                  |
| Magnesium             |                   |                                                                                                                                                |                                  |
| Potassium             |                   |                                                                                                                                                |                                  |
| Sodium                |                   |                                                                                                                                                |                                  |
| Zinc                  |                   |                                                                                                                                                |                                  |
| W-ICPMS               | Template:         | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                                  |
| *Boron                |                   |                                                                                                                                                |                                  |
| Aluminum              |                   |                                                                                                                                                |                                  |
| Antimony              |                   |                                                                                                                                                |                                  |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| 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  
 Chromium  
 Copper  
 Lead  
 Nickel  
 Selenium  
 Silver  
 Thallium

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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