

RQ- 2019-02-11-20

## Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 02/15/2019 @ 10:00

| Cooler Temperature* | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|---------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|                     |                                        |          |                                       | Present?      |    | *Intact? |    |                                                       |
|                     | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                                       |
| 1.2°C               |                                        |          | 12                                    |               | x  |          |    | 4751 8776 3317                                        |
| 2.0°C               |                                        |          | 15                                    |               | x  |          |    | 4751 8776 3339                                        |
| 1.1°C               |                                        |          | ⓧ 10                                  |               |    |          |    | 4751 8776 3328                                        |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |

\* HNO<sub>3</sub> and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

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

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

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

## CONTAINER CHECK

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

\*\*Caps on tight? Yes ☒ No ☐ \*\*Containers intact? Yes ☒ No ☐

\*\*Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes ☒ No ☐ Init: ML

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

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

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

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 02/15/2019

NCRs (Y/N)? N

Event ID: LSJR West  
NE-DIST-2019-02-15-02 (SMP)

NCR #

Date Received: 15-FEB-2019 10:00

Page 1 of 2, 1 Federal Express REF-4-6-1

## Log-in Checklist

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

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

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

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

### Bottles Not Intact

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

### Samples with Insufficient Volume for Analyses

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

### Additional Comments:

|                            |                      |
|----------------------------|----------------------|
| Infrared Thermometer ID:   | REC_04_2018          |
| pH Paper 0.0 – 3.0 Lot #   |                      |
| pH Paper 0 – 13 Lot #      | 222516EXP:09/15/2019 |
| Chlorine Test Strips Lot # | 091417V EXP:09/2021  |

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

**Florida Department of Environmental Protection**  
**Central Laboratory Submittal Form**

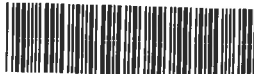
LSJR West

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: Chyane Ruben

Project ID: SMP

Collected By: C. Ruben / A. KalmbacherSampling Agency: FL DEP NE ROC

|          |                                                                                                                  |                                                                           |                                                                         |                                                                           |                                              |                               |
|----------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------|-------------------------------|
| Location | WIN ID/Field ID: <br>20030549   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>2/14/19</u> Time <u>0935</u> | <input checked="" type="radio"/> Eastern<br><input type="radio"/> Central | Composite end<br>Date <u>—</u> Time <u>—</u> | Bottle Group(s)<br>(See pg 2) |
| Field ID |                                                                                                                  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     | Diss. Oxygen<br><u>7.7</u>                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat           | Total Res. Chlorine<br>(mg/L) <u>—</u>       |                               |
| WIN/ST   | YELLOW WATER CR AT SR 228                                                                                        | Temp (C)<br><u>13.8</u>                                                   | pH<br><u>6.68</u>                                                       | Sample Depth <u>0.3</u>                                                   | Sp. Conductance (umho/cm)<br><u>7997</u>     | <u>C</u>                      |
| Latitude | <input type="checkbox"/> dd Longitude<br><input type="checkbox"/> dms                                            | <input type="checkbox"/> dd Salinity (ppt)<br><u>0.04</u>                 | <input type="checkbox"/> dms Comments                                   |                                                                           |                                              |                               |
| Location | WIN / FIELD ID <br>G2NE1165     | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>2/14/19</u> Time <u>1025</u> | <input checked="" type="radio"/> Eastern<br><input type="radio"/> Central | Composite end<br>Date <u>—</u> Time <u>—</u> | Bottle Group(s)               |
| Field ID |                                                                                                                  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     | Diss. Oxygen<br><u>9.25</u>                                             | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat           | Total Res. Chlorine<br>(mg/L) <u>—</u>       |                               |
| WIN/ST   | Williamson cr. 300m below Jammes rd.                                                                             | Temp (C)<br><u>13.8</u>                                                   | pH<br><u>7.25</u>                                                       | Sample Depth <u>0.1</u>                                                   | Sp. Conductance (umho/cm)<br><u>265</u>      | <u>C</u>                      |
| Latitude | <input type="checkbox"/> dd Longitude<br><input type="checkbox"/> dms                                            | <input type="checkbox"/> dd Salinity (ppt)<br><u>0.13</u>                 | <input type="checkbox"/> dms Comments                                   |                                                                           |                                              |                               |
| Location | WIN ID/Field ID: <br>G2NE1165   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>2/14/19</u> Time <u>1105</u> | <input checked="" type="radio"/> Eastern<br><input type="radio"/> Central | Composite end<br>Date <u>—</u> Time <u>—</u> | Bottle Group(s)               |
| Field ID |                                                                                                                  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     | Diss. Oxygen<br><u>7.3</u>                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat           | Total Res. Chlorine<br>(mg/L) <u>—</u>       |                               |
| WIN/ST   | WILLS BR at Watergate rd.                                                                                        | Temp (C)<br><u>14.8</u>                                                   | pH<br><u>7.33</u>                                                       | Sample Depth <u>0.3</u>                                                   | Sp. Conductance (umho/cm)<br><u>271</u>      | <u>B</u>                      |
| Latitude | <input type="checkbox"/> dd Longitude<br><input type="checkbox"/> dms                                            | <input type="checkbox"/> dd Salinity (ppt)<br><u>0.13</u>                 | <input type="checkbox"/> dms Comments                                   |                                                                           |                                              |                               |
| Location | WIN ID/Field ID: <br>20030725 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>2/14/19</u> Time <u>1155</u> | <input checked="" type="radio"/> Eastern<br><input type="radio"/> Central | Composite end<br>Date <u>—</u> Time <u>—</u> | Bottle Group(s)               |
| Field ID |                                                                                                                  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     | Diss. Oxygen<br><u>7.10</u>                                             | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat           | Total Res. Chlorine<br>(mg/L) <u>—</u>       |                               |
| WIN/ST   | MCCOYS CR AT LELAND ST                                                                                           | Temp (C)<br><u>15.3</u>                                                   | pH<br><u>7.49</u>                                                       | Sample Depth <u>0.3</u>                                                   | Sp. Conductance (umho/cm)<br><u>480</u>      | <u>C</u>                      |
| Latitude | <input type="checkbox"/> dd Longitude<br><input type="checkbox"/> dms                                            | <input type="checkbox"/> dd Salinity (ppt)<br><u>0.23</u>                 | <input type="checkbox"/> dms Comments                                   |                                                                           |                                              |                               |

|                                  |                                |                               |                                     |                              |                                    |
|----------------------------------|--------------------------------|-------------------------------|-------------------------------------|------------------------------|------------------------------------|
| Relinquished By: <u>Chyane R</u> | Date/Time: <u>2/14/19 1600</u> | Shipping Method: <u>FEDEX</u> | Number of Coolers Shipped: <u>—</u> | Received By: <u>Tyler K.</u> | Date/Time: <u>02/15/19 @ 10:00</u> |
|----------------------------------|--------------------------------|-------------------------------|-------------------------------------|------------------------------|------------------------------------|

|            |              |      |                 |               |     |                                     |   |
|------------|--------------|------|-----------------|---------------|-----|-------------------------------------|---|
| Group: A   | Bottle Type: | P-1L | # of Bottles: 1 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 1 |
| ALKALINITY |              |      |                 |               |     |                                     |   |
| TURBIDITY  |              |      |                 |               |     |                                     |   |
| W-CL-IC    |              |      |                 |               |     |                                     |   |
| W-COLOR    |              |      |                 |               |     |                                     |   |
| W-F        |              |      |                 |               |     |                                     |   |
| W-SO4-IC   |              |      |                 |               |     |                                     |   |
| W-TDS      |              |      |                 |               |     |                                     |   |
| W-TSS      |              |      |                 |               |     |                                     |   |

|            |              |                |                 |               |                            |                                     |          |
|------------|--------------|----------------|-----------------|---------------|----------------------------|-------------------------------------|----------|
| Group: A   | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1        |
| CHLSUITE-W |              |                |                 |               |                            |                                     |          |
| Group: A   | Bottle Type: | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1 to HLS |
| NE-ALS-ECQ |              |                |                 |               |                            |                                     |          |
| Group: A   | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | 1        |
| W-CARB-AA  |              |                |                 |               |                            |                                     |          |

|            |              |          |                 |               |     |                                     |   |
|------------|--------------|----------|-----------------|---------------|-----|-------------------------------------|---|
| Group: A   | Bottle Type: | BG-500ML | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 4 |
| W-CT-CI-R  |              |          |                 |               |     |                                     |   |
| W-PCL-SQ-R |              |          |                 |               |     |                                     |   |
| Group: A   | Bottle Type: | BG-500ML | # of Bottles: 1 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 1 |
| W-E8321-DI |              |          |                 |               |     |                                     |   |
| W-E8321-MS |              |          |                 |               |     |                                     |   |

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1 |
| W-ICP    |              |         |                 |               |               |                                     |   |
| W-ICPMS  |              |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |
| W-NH3    |              |         |                 |               |               |                                     |   |
| W-NO2NO3 |              |         |                 |               |               |                                     |   |
| W-S-A-TP |              |         |                 |               |               |                                     |   |
| W-TKN    |              |         |                 |               |               |                                     |   |
| W-TOC    |              |         |                 |               |               |                                     |   |

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

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

LSJR West

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Cheyanne Ruben

Collected By: C. Ruben / A. Kalmbacher

Sampling Agency: FDEP DEAR NE

|                                                                         |                                                                           |                                                           |                                                                            |                                  |                                  |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Locat                                                                   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2-14-19 Time 1230 | Eastern<br>Central                                                         | Composite end<br>Date — Time —   | Bottle<br>Group(s)<br>(See pg 2) |
| Field ID<br>WIN ID/Field ID:<br>20030773<br>HOGAN CR @ WASHINGTON ST    | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>5.4                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  | A                                |
| WIN/S                                                                   | Temp<br>(C) 20.0                                                          | pH<br>7.33                                                | Sample<br>Depth 0.15                                                       | Sp. Conductance<br>(umho/cm) 518 |                                  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity<br>(ppt) 0.25                                    | Comments                                                                   |                                  |                                  |
| Location                                                                | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date — Time —          | Eastern<br>Central                                                         | Composite end<br>Date — Time —   | Bottle<br>Group(s)               |
| Field ID                                                                | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)    |                                  |
| WIN/STORET #                                                            | Temp<br>(C)                                                               | pH                                                        | Sample<br>Depth                                                            | Sp. Conductance<br>(umho/cm)     |                                  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity<br>(ppt)                                         | Comments                                                                   |                                  |                                  |
| Location                                                                | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date — Time —          | Eastern<br>Central                                                         | Composite end<br>Date — Time —   | Bottle<br>Group(s)               |
| Field ID                                                                | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)    |                                  |
| WIN/STORET #                                                            | Temp<br>(C)                                                               | pH                                                        | Sample<br>Depth                                                            | Sp. Conductance<br>(umho/cm)     |                                  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity<br>(ppt)                                         | Comments                                                                   |                                  |                                  |
| Location                                                                | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date — Time —          | Eastern<br>Central                                                         | Composite end<br>Date — Time —   | Bottle<br>Group(s)               |
| Field ID                                                                | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)    |                                  |
| WIN/STORET #                                                            | Temp<br>(C)                                                               | pH                                                        | Sample<br>Depth                                                            | Sp. Conductance<br>(umho/cm)     |                                  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity<br>(ppt)                                         | Comments                                                                   |                                  |                                  |
| Location                                                                | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date — Time —          | Eastern<br>Central                                                         | Composite end<br>Date — Time —   | Bottle<br>Group(s)               |
| Field ID                                                                | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)    |                                  |
| WIN/STORET #                                                            | Temp<br>(C)                                                               | pH                                                        | Sample<br>Depth                                                            | Sp. Conductance<br>(umho/cm)     |                                  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity<br>(ppt)                                         | Comments                                                                   |                                  |                                  |

|                                    |                           |                          |                            |                          |                            |
|------------------------------------|---------------------------|--------------------------|----------------------------|--------------------------|----------------------------|
| Relinquished By:<br>Cheyanne Ruben | Date/Time<br>2/14/19 1600 | Shipping Method<br>Fedex | Number of Coolers Shipped: | Received By:<br>Tyler R. | Date/Time<br>2/15/19 01:00 |
|------------------------------------|---------------------------|--------------------------|----------------------------|--------------------------|----------------------------|

|          |                                                                                    |                |                 |               |                            |                                           |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|----------------------------|-------------------------------------------|
| 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:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab _____ |
|          | W-CARB-AA                                                                          |                |                 |               |                            |                                           |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 4 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab _____ |
|          | W-CT-CI-R<br>W-PCL-SQ-R                                                            |                |                 |               |                            |                                           |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab _____ |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |               |                            |                                           |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab _____ |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |                            |                                           |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4              | Enter Number of Bottles Sent to Lab _____ |
|          | 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: A | Bottle Type:<br>W-PSNP-TQ                                                                          | BG-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to ALS |
| Group: B | Bottle Type:<br>PCR-HF183                                                                          | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1        |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1        |
| Group: C | Bottle Type:                                                                                       | P-1L           | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3        |

|          |                                                                                    |                |                 |               |               |                                     |          |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|----------|
| Group: C | Bottle Type:                                                                       | P-1L           | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3        |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                     |          |
| Group: C | Bottle Type:                                                                       | BP-1L          | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3        |
|          | CHLSUITE-W                                                                         |                |                 |               |               |                                     |          |
| Group: C | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 to ALS |
|          | NE-ALS-ECQ                                                                         |                |                 |               |               |                                     |          |
| Group: C | Bottle Type:                                                                       | P-500ML        | # of Bottles: 3 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 3        |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |               |                                     |          |
| Group: C | Bottle Type:                                                                       | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3        |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |               |                                     |          |
| Group: C | Bottle Type:                                                                       | P-125ML        | # of Bottles: 3 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3        |
|          | W-PO4-F                                                                            |                |                 |               |               |                                     |          |
| Group: D | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | NA       |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |               |                                     |          |

|          |                                                                 |          |                 |                                          |                                     |    |
|----------|-----------------------------------------------------------------|----------|-----------------|------------------------------------------|-------------------------------------|----|
| Group: D | Bottle Type:<br>W-CARB-AA                                       | BG-500ML | # of Bottles: 1 | Preservative: CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | NA |
| Group: D | Bottle Type:<br>W-CT-CI-R<br>W-PCL-SQ-R                         | BG-500ML | # of Bottles: 2 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | NA |
| 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 | NA |
| Group: D | Bottle Type:<br>W-ICP<br>W-ICPMS                                | P-500ML  | # of Bottles: 1 | Preservative: HNO3                       | Enter Number of Bottles Sent to Lab | NA |
| Group: D | 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 | NA |
| Group: D | Bottle Type:<br>W-PO4-F                                         | P-125ML  | # of Bottles: 1 | Preservative: FILTER-ICE                 | Enter Number of Bottles Sent to Lab | NA |
| Group: D | Bottle Type:<br>W-PSNP-TQ                                       | BG-1L    | # of Bottles: 2 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | NA |



# CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

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

SR #

ALS Contact: Jerry Allen

Page 1 of 1

|                                                                                   |  |                                          |  |                                                                       |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
|-----------------------------------------------------------------------------------|--|------------------------------------------|--|-----------------------------------------------------------------------|--|----------------------|--|------------------------------|--|--|--|--------------------------|--|--|--|------------------------------|--|------------------------------------------|--|--------------------------|--|----------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|--|--|--|
| Client Name<br>FDEP-NE ROC                                                        |  | Project Number<br>RQ-2019-02-11-20       |  | ANALYSIS REQUESTED (Include Method Number and Container Preservative) |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| Report To<br>Dep-Overflowmicro@dep.state.fl.us                                    |  | Report CC<br>Proj. name<br>LSJR West     |  | Preservat<br>8 0                                                      |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  | Preservative Key         |  |                                                                                                                      |  |  |  |                     |  |  |  |
| Company/Address<br>8800 Baymeadows Way W<br>Jacksonville, FL 32256                |  | SAMPLER'S SIGNATURE<br><u>Chayanne R</u> |  | SAMPLER'S PRINTED NAME<br>Chayanne Ruben                              |  | NUMBER OF CONTAINERS |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  | 0. None<br>1. HCL<br>2. HNO3<br>3. H2SO4<br>4. NaOH<br>5. Zn. Acetate<br>6. MeOH<br>7. NaHSO4<br>8. Other <u>ice</u> |  |  |  |                     |  |  |  |
| Phone #<br>904-256-1541                                                           |  | FAX #                                    |  |                                                                       |  | E. Coli              |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  | REMARKS                                                                                                              |  |  |  |                     |  |  |  |
| Matrix                                                                            |  | DATE                                     |  | TIME                                                                  |  | SW                   |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| 20030549                                                                          |  | 2.14.19                                  |  | 0935                                                                  |  | 1 X                  |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| G2NE1165                                                                          |  | 2.14.19                                  |  | 1025                                                                  |  | 1 X                  |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| G2NE1183                                                                          |  | 2.14.19                                  |  | 1105                                                                  |  | 1 X                  |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| 20030725                                                                          |  | 2.14.19                                  |  | 1155                                                                  |  | 1 X                  |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| 20030773                                                                          |  | 2.14.19                                  |  | 1230                                                                  |  | 1 X                  |  |                              |  |  |  |                          |  |  |  |                              |  |                                          |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us |  |                                          |  |                                                                       |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  | TURNAROUND REQUIREMENTS                  |  |                          |  | REPORT REQUIREMENTS                                                                                                  |  |  |  | INVOICE INFORMATION |  |  |  |
| 0.50L                                                                             |  |                                          |  |                                                                       |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  | RUSH (SURCHARGES APPLY)                  |  |                          |  | I. Results Only                                                                                                      |  |  |  | P.O. # B10739       |  |  |  |
|                                                                                   |  |                                          |  |                                                                       |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  | X STANDARD                               |  |                          |  | II. Results + QC Summaries<br>(LCS, DUP, MS/MSD as required)                                                         |  |  |  | Bill to:            |  |  |  |
|                                                                                   |  |                                          |  |                                                                       |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  | REQUESTED FAX DATE<br>N/A                |  |                          |  | III. Results + QC and Calibration Summaries                                                                          |  |  |  |                     |  |  |  |
| REQUESTED REPORT DATE<br>N/A                                                      |  |                                          |  |                                                                       |  |                      |  |                              |  |  |  |                          |  |  |  |                              |  | IV. Data Validation Report with Raw Data |  |                          |  |                                                                                                                      |  |  |  |                     |  |  |  |
| Relinquished By<br>Signature<br><u>Chayanne R</u>                                 |  |                                          |  | Received By<br>Signature<br><u>Marian Rucker</u>                      |  |                      |  | Relinquished By<br>Signature |  |  |  | Received By<br>Signature |  |  |  | Relinquished By<br>Signature |  |                                          |  | Received By<br>Signature |  |                                                                                                                      |  |  |  |                     |  |  |  |
| Printed Name<br>Chayanne Ruben                                                    |  |                                          |  | Printed Name<br>Marian Rucker                                         |  |                      |  | Printed Name                 |  |  |  | Printed Name             |  |  |  | Printed Name                 |  |                                          |  | Printed Name             |  |                                                                                                                      |  |  |  |                     |  |  |  |
| Firm<br>DEP DEAR NE ROC                                                           |  |                                          |  | Firm<br>ALS                                                           |  |                      |  | Firm                         |  |  |  | Firm                     |  |  |  | Firm                         |  |                                          |  | Firm                     |  |                                                                                                                      |  |  |  |                     |  |  |  |
| Date/Time<br>2/14/19 13:12                                                        |  |                                          |  | Date/Time<br>2/14/19 13:12                                            |  |                      |  | Date/Time                    |  |  |  | Date/Time                |  |  |  | Date/Time                    |  |                                          |  | Date/Time                |  |                                                                                                                      |  |  |  |                     |  |  |  |

Cooler Packing Worksheet for Request: RQ-2019-02-11-20

LSJR West

Ship Cooler On: 2/1/2019

Customer/Project: NE-DIST/SMP

Assigned To: KLUG\_K

Requester: Jeremy M. Parrish

Priority: 3

904-256-1693  
8800 Baymeadows Way West  
Suite 100  
Jacksonville, FL 32256  
Attn: Jeremy Parrish

Please return  
packing list with  
sample submittal  
forms.

Comments:

No preservatives needed.

Group A: Nutrients, Metals, Bacteria, pesticides

Group B: Nutrients, Metals, Bacteria, markers, tracers

Group C: Nutrients, Metals, Bacteria

NE-ALS-ECQ

Packing Notes:

Requested Analyses:

**Bottle Group: A**

**# of Sites: 1**

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00073319

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

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

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

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

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1238197

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE

Lot # L18244

Description: 250 ml Sterilized with tablet

Analysis

NE-ALS-ECQ

Description

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

Container ID: BG-500ML

Qty: 1

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

Lot # 00066845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4

Preservation: ICE

Lot # 00071791

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-SQ-R

Description

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

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot # 00071791

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

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

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

Container ID: P-500ML

Qty: 1

Preservation: HNO<sub>3</sub>

Lot # 00070302

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

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

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

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00070302

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

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

**Description**

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

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00072954

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00071178

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

**Analysis**

W-PSNP-TQ

**Description**

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

**Bottle Group: B**

**# of Sites: 1**

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00073319

Description: Plastic Bottle 1L

**Analysis**

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

**Description**

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

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1238147

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: ICE

Lot # 118244

Description: 250 ml Sterilized with tablet

Analysis

NE-ALS-ECQ

Description

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

Container ID: QPCR-P-500ML

Qty: 1 Preservation: ICE

Lot # 00071957

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-HF183

Description

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 00071791

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

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

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

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00070302

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

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

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

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00070302

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

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

**Description**

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

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00072959

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

**Bottle Group: C**

**# of Sites: 3**

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00073319

Description: Plastic Bottle 1L

**Analysis**

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

**Description**

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

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1238147

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-250ML-WI-THI Qty: 3 Preservation: ICE

Lot # 118244

Description: 250 ml Sterilized with tablet

Analysis

NE-ALS-ECQ

Description

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

Container ID: P-500ML

Qty: 3 Preservation: HNO3

Lot # 00070302

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

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

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

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00070302

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: FILTER-ICE

Lot # 00072954

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Bottle Group: D

# of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00073319

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

|          |                                                                                     |
|----------|-------------------------------------------------------------------------------------|
| W-CL-IC  | Chloride in aqueous matrices                                                        |
| W-COLOR  | True Color measured at 450 nm                                                       |
| W-F      | Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC | Sulfate in aqueous matrices                                                         |
| W-TDS    | Total Dissolved Solids in aqueous matrices                                          |
| W-TSS    | Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample      |

Container ID: BG-500ML Qty: 1 Preservation: CH2CICOOH Pre-Preserved Lot # 00066845  
 Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis  
 W-CARB-AA

Description  
 Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML Qty: 2 Preservation: ICE Lot # 00071791  
 Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis  
 W-CT-CI-R  
 W-PCL-SQ-R

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

Container ID: BG-500ML Qty: 1 Preservation: ICE Lot # 00071791  
 Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis  
 W-E8321-DI  
 W-E8321-MS

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

Container ID: P-500ML Qty: 1 Preservation: HNO3 Lot # 00070302  
 Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis  
 W-ICP  
 W-ICPMS

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

Container ID: P-500ML Qty: 1 Preservation: ICE And H2SO4 Lot # 00070302  
 Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis

Description

|          |                                                 |
|----------|-------------------------------------------------|
| W-NH3    | Ammonia in aqueous matrices as mg N/L           |
| W-NO2NO3 | Nitrite/Nitrate in aqueous matrices as mg N/L   |
| W-S-A-TP | Total Phosphorus in aqueous matrices as mg P/L  |
| W-TKN    | Total Kjeldahl Nitrogen in aqueous matrices     |
| W-TOC    | Nonpurgeable Organic Carbon in aqueous matrices |

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00072954

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

Container ID: BG-1L

Qty: 2 Preservation: ICE

Lot # 00071178

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

**Analysis**

W-PSNP-TQ

**Description**

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

Cooler Packed By: hfk

Number of Coolers: 4

Date: 1-30-19

**Kit must also include:**

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

**If Preservation Included:**

|                             |                    |                    |
|-----------------------------|--------------------|--------------------|
| ID <u>MCAA BUFFER soln.</u> | Exp <u>1-11-20</u> | Lot # <u>98739</u> |
| ID _____                    | Exp _____          | Lot # _____        |
| ID _____                    | Exp _____          | Lot # _____        |
| ID _____                    | Exp _____          | Lot # _____        |
| ID _____                    | Exp _____          | Lot # _____        |

**PLEASE RETURN ALL COOLERS FOR RQ-2019-02-11-20**

Date of Request: 14-JAN-2019  
 Created By: PARRISH\_J On: 14-JAN-2019  
 Modified By: JASROTIA\_P On: 23-JAN-2019  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: LSJR West

**Send Coolers To:**

Phone: 904-256-1693  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

**Program Module Number:**

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 23-JAN-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 23-JAN-2019  
 Sampling Kit Required: YES Ship on: 01-FEB-2019  
 Sampling Kit Shipped: YES On: 30-JAN-2019  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 11-FEB-2019  
 Received By: REYNOLDS\_T On: 15-FEB-2019

**Send Final Report To:**

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

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

Comments: Group A: Nutrients, Metals, Bacteria, pesticides  
 Group B: Nutrients, Metals, Bacteria, markers, tracers  
 Group C: Nutrients, Metals, Bacteria

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-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                      |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                       |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                               |
| Color (true)                |                      |                                                                                                                         |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                    |
| W-SO <sub>4</sub> -IC       | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                        |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                               |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                           |
| Bottle Type: BG-1L          | Number of Bottles: 4 | Preserved With: ICE                                                                                                     |
| W-PSNP-TQ                   | Template: DEFAULT    | (EPA 8270D) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                                      |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                     |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry            |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                     |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> ClCOOH Pre-Preserved                                                                    |
| W-CARB-AA                   | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                                  |
| Bottle Type: BG-500ML       | Number of Bottles: 4 | Preserved With: ICE                                                                                                     |

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| W-CT-CI-R             | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization                                              |
| W-PCL-SQ-R            | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM                                                                           |
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| 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-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                             |                      |                                                                                                                                           |
|-----------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                                               |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                        |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                         |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                 |
| Color (true)                |                      |                                                                                                                                           |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                      |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                          |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                                 |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                             |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                              |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville                   |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| PCR-HF183                   | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction |

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                |                      |                                                                                                                                                |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |
| W-ICPMS               | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                |                      |                                                                                                                                                |
| Aluminum              |                      |                                                                                                                                                |
| Antimony              |                      |                                                                                                                                                |
| Arsenic               |                      |                                                                                                                                                |
| Cadmium               |                      |                                                                                                                                                |
| Chromium              |                      |                                                                                                                                                |
| Copper                |                      |                                                                                                                                                |
| Lead                  |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Selenium              |                      |                                                                                                                                                |
| Silver                |                      |                                                                                                                                                |
| Thallium              |                      |                                                                                                                                                |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                       |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                    |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                      |
| Color (true)                |                      |                                                                                                                                                |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                           |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                  |
| Bottle Type: BP-1L          | Number of Bottles: 3 | 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: 3 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville                        |
| Bottle Type: P-500ML        | Number of Bottles: 3 | Preserved With: HNO3                                                                                                                           |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                      |                      |                                                                                                                                                |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| 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: 3 | Preserved With: ICE And H2SO4                                                            |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                       |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 3 | 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 Type: P-1L     | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                    |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR               | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                      |
| Color (true)          |                      |                                                                                                                                                |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                           |
| W-SO4-IC              | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                 | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                  |
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: CH2ClCOOH Pre-Preserved                                                                                                        |
| W-CARB-AA             | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                                                         |
| Bottle Type: BG-500ML | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| W-CT-CI-R             | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization                                              |
| W-PCL-SQ-R            | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM                                                                           |
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                |                      |                                                                                                                                                |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |

**Bottle Group D (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 |

\*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-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |
| Bottle Type: BG-1L   | Number of Bottles: 2 | Preserved With: ICE                                                                      |
| W-PSNP-TQ            | Template: DEFAULT    | (EPA 8270D) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS       |

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

