

# Log-in Checklist

RQ- 2019-11-11-12

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/ 13 /19 @ 10:10

| Cooler Temperature* | Samples Frozen | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |        |          |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|--------|----------|----|-------------------------------------|
|                     |                |                                        |          |                                       | Present?      |        | *Intact? |    |                                     |
|                     | YES            | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No     | Yes      | No |                                     |
| 1.4<br>0.5          |                |                                        |          | 9<br>14                               |               | ✓<br>✓ |          |    | 1278 4009 1293<br>1278 4009 1282    |
|                     |                |                                        |          |                                       |               |        |          |    |                                     |
|                     |                |                                        |          |                                       |               |        |          |    |                                     |
|                     |                |                                        |          |                                       |               |        |          |    |                                     |
|                     |                |                                        |          |                                       |               |        |          |    |                                     |
|                     |                |                                        |          |                                       |               |        |          |    |                                     |

\* HNO3 and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

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

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

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

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes        No ✓ If yes, is it intact? Yes        No         
 \*\*Caps on tight? Yes ✓ No        \*\*Containers intact? Yes ✓ No         
 \*\*Sufficient Sample Volume: Yes ✓ No       

## CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ✓ No        Init: KK  
 Chlorine detected? (One container checked per Field ID) Yes        No ✓ Init: KK

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

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

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No        NA        Init: KK  
 \*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes        No        NA ✓ Init: KK

Coolers Unpacked/Checked by: KK Date: 11/ 13 /19 NCRs (Y/N)? N

Event ID: Nassau North  
NE-DIST-2019-11-13-01 (SMP)  
Date Received: 13-NOV-2019 10:10 - NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation

| Field ID | Bottle TestID(s) | pH | Action Taken |
|----------|------------------|----|--------------|
|          |                  |    |              |
|          |                  |    |              |
|          |                  |    |              |

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

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

### Bottles Not Intact

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

### Samples with Insufficient Volume for Analyses

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

### Additional Comments:

|                            |                          |
|----------------------------|--------------------------|
| Infrared Thermometer ID:   | REC_07_2018 EXP:12/28/19 |
| pH Test Strips 0 – 6 Lot # |                          |
| pH Paper 0 – 3 Lot #       | 220416A EXP:7/30/20      |
| pH Paper 0 – 13 Lot #      | 215517 EXP:6/1/20        |
| Chlorine Test Strips Lot # | 091417V EXP:9/2021       |

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

Nassau North

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

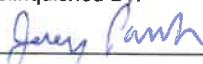
Field Report Prepared By: J Parrish

Project ID: SMP

Collected By: J Parrish / K Appleby

Sampling Agency: NE DOC

|          |                                                                                                                  |                                                                           |                                                             |                                                                            |                                    |                                  |
|----------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------|----------------------------------|
| Location | WIN ID/Field ID: <br>G4NE0290   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/12/19 Time 1200  | Eastern<br>Central                                                         | Composite end<br>Date Time         | Bottle<br>Group(s)<br>(See pg 2) |
| Field    | Egans Creek at N. 14th                                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen<br>5.75                                        | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | C                                |
| WIN/     |                                                                                                                  | Temp<br>(C) 20.1                                                          | pH 7.45                                                     | Sample<br>Depth 0.3                                                        | Sp. Conductance<br>(umho/cm) 51560 |                                  |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                      | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 33.96                                                    | Comments                           |                                  |
| Location | WIN ID/Field ID: <br>19020003   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/12/19 Time 1125  | Eastern<br>Central                                                         | Composite end<br>Date Time         | Bottle<br>Group(s)               |
| Field ID | LOFTON CR @ A1A                                                                                                  | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen<br>3.4                                         | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | B                                |
| WIN/STC  |                                                                                                                  | Temp<br>(C) 17.3                                                          | pH 6.40                                                     | Sample<br>Depth 0.3                                                        | Sp. Conductance<br>(umho/cm) 4688  |                                  |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                      | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 2.52                                                     | Comments                           |                                  |
| Location | WIN ID/Field ID: <br>G4NE0288   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/12/2019 Time 920 | Eastern<br>Central                                                         | Composite end<br>Date Time         | Bottle<br>Group(s)               |
| Field    | Unnamed Branch above Alligator cr.                                                                               | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen<br>5.65                                        | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | A                                |
| WI       |                                                                                                                  | Temp<br>(C) 15.2                                                          | pH 6.72                                                     | Sample<br>Depth 0.3                                                        | Sp. Conductance<br>(umho/cm) 261   |                                  |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                      | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 0.13                                                     | Comments                           |                                  |
| Location | WIN ID/Field ID: <br>19020048 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/12/2019 Time 950 | Eastern<br>Central                                                         | Composite end<br>Date Time         | Bottle<br>Group(s)               |
| Field    | MILLS CREEK AT US 301/US1                                                                                        | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen<br>4.7                                         | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | A                                |
| WI       |                                                                                                                  | Temp<br>(C) 15.0                                                          | pH 5.29                                                     | Sample<br>Depth 0.1                                                        | Sp. Conductance<br>(umho/cm) 100   |                                  |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                      | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 0.05                                                     | Comments                           |                                  |

|                                                                                                      |                          |                        |                              |                  |                            |
|------------------------------------------------------------------------------------------------------|--------------------------|------------------------|------------------------------|------------------|----------------------------|
| Relinquished By:  | Date/Time: 11/12/19 1500 | Shipping Method: Fedex | Number of Coolers Shipped: 2 | Received By: KKH | Date/Time: 11.13.19 / 1010 |
|------------------------------------------------------------------------------------------------------|--------------------------|------------------------|------------------------------|------------------|----------------------------|

|          |              |                |                 |               |               |                                     |                       |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|-----------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>2</u>              |
|          | ALKALINITY   |                |                 |               |               |                                     |                       |
|          | TURBIDITY    |                |                 |               |               |                                     |                       |
|          | W-CL-IC      |                |                 |               |               |                                     |                       |
|          | W-COLOR      |                |                 |               |               |                                     |                       |
|          | W-F          |                |                 |               |               |                                     |                       |
|          | W-SO4-IC     |                |                 |               |               |                                     |                       |
|          | W-TDS        |                |                 |               |               |                                     |                       |
|          | W-TSS        |                |                 |               |               |                                     |                       |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>2</u>              |
|          | CHLSUITE-W   |                |                 |               |               |                                     |                       |
| Group: A | Bottle Type: | P-120ML-WC-THI | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>4 to ALS</u>       |
|          | NE-ALS-ECQ   |                |                 |               |               |                                     |                       |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | <u><del>2</del> 2</u> |
|          | W-ICP        |                |                 |               |               |                                     |                       |
|          | W-ICPMS      |                |                 |               |               |                                     |                       |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>2</u>              |
|          | W-NH3        |                |                 |               |               |                                     |                       |
|          | W-NO2NO3     |                |                 |               |               |                                     |                       |
|          | W-S-A-TP     |                |                 |               |               |                                     |                       |
|          | W-TKN        |                |                 |               |               |                                     |                       |
|          | W-TOC        |                |                 |               |               |                                     |                       |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | <u>2</u>              |
|          | W-PO4-F      |                |                 |               |               |                                     |                       |
| Group: B | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>2</u>              |
|          | ALKALINITY   |                |                 |               |               |                                     |                       |
|          | TURBIDITY    |                |                 |               |               |                                     |                       |
|          | W-CL-IC      |                |                 |               |               |                                     |                       |
|          | W-COLOR      |                |                 |               |               |                                     |                       |
|          | W-F          |                |                 |               |               |                                     |                       |
|          | W-SO4-IC     |                |                 |               |               |                                     |                       |
|          | W-TDS        |                |                 |               |               |                                     |                       |
|          | W-TSS        |                |                 |               |               |                                     |                       |

Nassau North

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: J. Parrish

Project ID: SMP

Collected By: J. Parrish

Sampling Agency: FDEP NE 202

|              |                                                                                                                |           |                                                                           |                                                              |                      |                                                                            |                                   |   |
|--------------|----------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------|--------------------------------------------------------------|----------------------|----------------------------------------------------------------------------|-----------------------------------|---|
| Location     | WIN ID/Field ID: <br>G4NE0292 |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/12/2019 Time 1020 | Eastern<br>Central   | Composite end<br>Date Time                                                 | Bottle<br>Group(s)<br>(See pg 2)  |   |
| Field ID     | Creek draining former Hampton lake<br>100m above rd                                                            |           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                              | Diss. Oxygen<br>9.45 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —   |   |
| WIN/STORE #  |                                                                                                                |           | Temp<br>(C) 15.7                                                          | pH<br>6.08                                                   | Sample<br>Depth 0.1  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 92.5 |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                    | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.04                                       | Comments             |                                                                            |                                   | B |
| 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      | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)      |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                    | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                            | Comments             |                                                                            |                                   |   |
| Location     |                                                                                                                |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date Time                 | 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      | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)      |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                    | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                            | Comments             |                                                                            |                                   |   |
| Location     |                                                                                                                |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date Time                 | 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      | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)      |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                    | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                            | Comments             |                                                                            |                                   |   |

|                                    |                            |                          |                                 |                     |                              |
|------------------------------------|----------------------------|--------------------------|---------------------------------|---------------------|------------------------------|
| Relinquished By:<br>Jeremy Parrish | Date/Time<br>11/12/19 1500 | Shipping Method<br>Fedex | Number of Coolers Shipped:<br>2 | Received By:<br>KIK | Date/Time<br>11.13.19 / 1010 |
|------------------------------------|----------------------------|--------------------------|---------------------------------|---------------------|------------------------------|

|          |              |                |                 |               |               |                                           |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |                |                 |               |               |                                           |
|          | TURBIDITY    |                |                 |               |               |                                           |
|          | W-CL-IC      |                |                 |               |               |                                           |
|          | W-COLOR      |                |                 |               |               |                                           |
|          | W-F          |                |                 |               |               |                                           |
|          | W-SO4-IC     |                |                 |               |               |                                           |
|          | W-TDS        |                |                 |               |               |                                           |
|          | W-TSS        |                |                 |               |               |                                           |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |                |                 |               |               |                                           |
| Group: A | Bottle Type: | P-120ML-WC-THI | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | NE-ALS-ECQ   |                |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab _____ |
|          | W-ICP        |                |                 |               |               |                                           |
|          | W-ICPMS      |                |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3        |                |                 |               |               |                                           |
|          | W-NO2NO3     |                |                 |               |               |                                           |
|          | W-S-A-TP     |                |                 |               |               |                                           |
|          | W-TKN        |                |                 |               |               |                                           |
|          | W-TOC        |                |                 |               |               |                                           |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |                |                 |               |               |                                           |
| Group: B | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |                |                 |               |               |                                           |
|          | TURBIDITY    |                |                 |               |               |                                           |
|          | W-CL-IC      |                |                 |               |               |                                           |
|          | W-COLOR      |                |                 |               |               |                                           |
|          | W-F          |                |                 |               |               |                                           |
|          | W-SO4-IC     |                |                 |               |               |                                           |
|          | W-TDS        |                |                 |               |               |                                           |
|          | W-TSS        |                |                 |               |               |                                           |

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

---

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

W-PO4-F



|             |  |
|-------------|--|
| SR #        |  |
| ALS Contact |  |

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

[illegible]

Date of Request: 02-OCT-2019  
 Created By: PARRISH\_J On: 02-OCT-2019  
 Modified By: JASROTIA\_P On: 22-OCT-2019  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: Nassau North

**Send Coolers To:**

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

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 21-OCT-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 22-OCT-2019  
 Sampling Kit Required: YES Ship on: 01-NOV-2019  
 Sampling Kit Shipped: YES On: 05-NOV-2019  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 11-NOV-2019  
 Received By:

**Send Final Report To:**

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

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

Comments: Group A: (Surf-Fresh) Nutrients, Metals, Bacteria  
 Group B: (Surf-Fresh) Nutrients, Bacteria  
 Group C: (Surf-Salt) Nutrients, marker, tracer bacteria

NE-ALS-ECQ  
 NE-ALS-ENQ

Packing Notes:  
 None

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                       |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                      |
| Color (true)                |                      |                                                                                                                                                |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                           |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                  |
| Bottle Type: BP-1L          | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                                                          |
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                      |                      |                                                                                                                                                |

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

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                            |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                       |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 2 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML        | Number of Bottles: 2 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |
| Bottle Type: P-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                  |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                    |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                    |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |
| Bottle Type: BP-1L          | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |

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

|                   |                      |                                                             |
|-------------------|----------------------|-------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                         |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L |

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

|                             |                   |                                                                                                              |                               |
|-----------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-1L           |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE           |
| TURBIDITY                   | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |                               |
| W-BR-IC                     | Template: DEFAULT | (EPA 300.0) Bromide in aqueous matrices                                                                      |                               |
| W-F                         | Template: DEFAULT | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |                               |
| 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-120ML-WC-THI |                   | Number of Bottles: 2                                                                                         | Preserved With: ICE           |
| NE-ALS-ENQ                  | Template: DEFAULT | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville                                           |                               |
| Bottle Type: BG-500ML       |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE           |
| W-E8321-DI                  | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |                               |
| W-E8321-MS                  | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |                               |
| Bottle Type: P-500ML        |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE And H2SO4 |
| W-NH3                       | Template: DEFAULT | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |                               |
| W-NO2NO3                    | Template: DEFAULT | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |                               |
| W-S-A-TP                    | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |                               |
| W-TKN                       | Template: DEFAULT | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |                               |
| W-TOC                       | Template: DEFAULT | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |                               |
| Bottle Type: P-125ML        |                   | Number of Bottles: 1                                                                                         | Preserved With: FILTER-ICE    |
| W-PO4-F                     | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |                               |

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