

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Field Report Prepared By:

Collected By:

Sampling Agency:

Field ID:



G4NE0050 10092017

Calkins Crk Trib @  
Hamp Register / C.Crews Rd

STORET: 19010042

|                                                                      |                                                                       |                     |                                                                            |                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|-------------------------------|
| <input type="checkbox"/> Comp                                        | Collection (comp begin or grab)                                       | Eastern             | Composite end                                                              | Bottle Group(s)<br>(See pg 2) |
| <input checked="" type="checkbox"/> Grab                             | Date 10-9-2017 Time 0930                                              | Central             | Date Time                                                                  |                               |
| Matrix (type, e.g., Salt, Fresh, etc)                                |                                                                       | Diss. Oxygen 4.53   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)    |
| Temp (C) 24.1                                                        | pH 5.80                                                               | Sample Depth 0.3    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm) 56  |
| Latitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) 0.03 | Comments                                                                   |                               |

Field ID:



19010123

Unnamed Branch  
@ CR125

STORET: 19010123

|                                                                      |                                                                       |                     |                                                                            |                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|-------------------------------|
| <input type="checkbox"/> Comp                                        | Collection (comp begin or grab)                                       | Eastern             | Composite end                                                              | Bottle Group(s)               |
| <input checked="" type="checkbox"/> Grab                             | Date 10-9-2017 Time 1000                                              | Central             | Date Time                                                                  |                               |
| Matrix (type, e.g., Salt, Fresh, etc)                                |                                                                       | Diss. Oxygen 5.37   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L) 55 |
| Temp (C) 24.8                                                        | pH 6.11                                                               | Sample Depth 0.1    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)     |
| Latitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) 0.02 | Comments                                                                   |                               |

|                                                                      |                                                                       |                                       |                                 |              |                                                                 |                            |
|----------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------|---------------------------------|--------------|-----------------------------------------------------------------|----------------------------|
| Location                                                             |                                                                       | <input type="checkbox"/> Comp         | Collection (comp begin or grab) | Eastern      | Composite end                                                   | Bottle Group(s)            |
|                                                                      |                                                                       | <input type="checkbox"/> Grab         | Date Time                       | Central      | Date Time                                                       |                            |
| Field ID                                                             |                                                                       | Matrix (type, e.g., Salt, Fresh, etc) |                                 | Diss. Oxygen | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L) |
| STORET #                                                             |                                                                       | Temp (C)                              | pH                              | Sample Depth | <input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance (umho/cm)  |
| Latitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                        | Comments                        |              |                                                                 |                            |
| Location                                                             |                                                                       | <input type="checkbox"/> Comp         | Collection (comp begin or grab) | Eastern      | Composite end                                                   | Bottle Group(s)            |
|                                                                      |                                                                       | <input type="checkbox"/> Grab         | Date Time                       | Central      | Date Time                                                       |                            |
| Field ID                                                             |                                                                       | Matrix (type, e.g., Salt, Fresh, etc) |                                 | Diss. Oxygen | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L) |
| STORET #                                                             |                                                                       | Temp (C)                              | pH                              | Sample Depth | <input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance (umho/cm)  |
| Latitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                        | Comments                        |              |                                                                 |                            |

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

10-9-2017

FedEx

1

Tyler R.

10/10/17 @ 10:10

1236

|          |              |                |                 |               |               |                                     |   |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |                |                 |               |               |                                     |   |
|          | TURBIDITY    |                |                 |               |               |                                     |   |
|          | W-CL-IC      |                |                 |               |               |                                     |   |
|          | W-COLOR      |                |                 |               |               |                                     |   |
|          | W-F          |                |                 |               |               |                                     |   |
|          | W-SO4-IC     |                |                 |               |               |                                     |   |
|          | W-TDS        |                |                 |               |               |                                     |   |
|          | W-TSS        |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
|          | W-NH3        |                |                 |               |               |                                     |   |
|          | W-NO2NO3     |                |                 |               |               |                                     |   |
|          | W-S-A-TP     |                |                 |               |               |                                     |   |
|          | W-TKN        |                |                 |               |               |                                     |   |
|          | W-TOC        |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 3 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 2 |
|          | W-PO4-F      |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | NE-ALS-ECQ   |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | QPCR-P-250ML   | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | PCR-FILTER   |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BG-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | W-AHERB-AA   |                |                 |               |               |                                     |   |
|          | W-SUC-AA-R   |                |                 |               |               |                                     |   |
|          | W-UHERB-AA   |                |                 |               |               |                                     |   |

Date of Request: 15-AUG-2017  
 Created By: FREDERIC\_N On: 15-AUG-2017  
 Modified By: WATTS\_J On: 09-OCT-2017  
 Customer: NE-DIST  
 Project: SMP  
 Division:  
 District: Northeast District  
 Sampling Event: Nassau West- 3/20/2017

**Send Coolers To:**

Phone: 904-256-1541  
 8800 Baymeadows Way W  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Nicole Frederick

**Send Final Report To:**

8800 Baymeadows Way W  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: nicole frederick

Program Module Number:

Priority: 3

Event Status: A

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS\_J On: 09-OCT-2017

Biology Request Reviewed By: SWANSON\_C On: 09-OCT-2017

Sampling Kit Required: NO Ship on:

Sampling Kit Shipped: YES On: 23-AUG-2017

Sampling Kit Packed By: SHAIK\_A

Preservatives Needed: NO

Date to Receive Samples: 10-OCT-2017

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: Freshwater Kit, No Metals  
 Group B: Markers, Tracers, E.coli

**Bottle Group A (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 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                                                    |
| 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-500ML              | Number of Bottles: 3 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML              | Number of Bottles: 3 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

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

|                           |                      |                                                                                                                             |
|---------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type:              | Number of Bottles: 1 | Preserved With: ICE                                                                                                         |
| NE-ALS-ECQ                | Template: DEFAULT    | (SM 9223 B) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District |
| Bottle Type: QPCR-P-250ML | Number of Bottles: 2 | Preserved With: ICE                                                                                                         |
| PCR-FILTER                | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                               |

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

|                    |                      |                                                                                        |
|--------------------|----------------------|----------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 1 | Preserved With: ICE                                                                    |
| W-AHERB-AA         | Template: DEFAULT    | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS |
| W-SUC-AA-R         | Template: DEFAULT    | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS                      |
| W-UHERB-AA         | Template: DEFAULT    | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS   |

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

# Log-in Checklist

RQ-2017-09-04-35

Shipping Method: FEDEX

Date/Time of Receipt: 10/10/17 @ 16:18

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | 1.9°C               | 8                               |               | ✓  |          |    | 8119 3903 9450                                        |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

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

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

## 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 (Blue dot on container)

| 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-AHERB-AA (-AHB-AA-R)                                                                               |     |    | W-PCL-SQ (-R) |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT      |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PESTNP-R    |     |    |
| W-ENDO-AA                                                                                            |     |    | W-PSCL-TQ     |     |    |
| W-GLYPH                                                                                              |     |    | W-PSNP-TQ     |     |    |
| W-NP-AA-SF                                                                                           |     |    | W-PST-CL-R    |     |    |
| W-PAH (-R)                                                                                           |     |    | W-TR-TQ       |     |    |
| W-PCB-R                                                                                              |     |    | W-CT-CI-R     |     |    |

## 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 R. Date: 10/10/17 NCRs (Y/N)? N

Event ID: NE-DIST-2017-10-10-01 NCR #

## Log-in Checklist

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

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

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

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

### Bottles Not Intact

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

### Samples with Insufficient Volume for Analyses

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

## ENCORE SAMPLES

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

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

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

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

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

**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: \_\_\_\_\_

**Additional Comments:**