

# Log-in Checklist

RQ- 2018-10-08-47

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/25/18 @ 10:20

| 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 |                                                       |
| 2.2°C               |                                        |          | 6                                     |               | X  |          |    | 4385 5032 4800                                        |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |

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

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

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No ⓧ<sup>m</sup> Date 10/25/18

## 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: m

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

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

**\*\*Acid Preserved Samples:** pH < 2.0? Yes ✓ No        NA        Init: m

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

Coolers Unpacked/Checked by: Tyler R. Date: 10/25/18 NCRs (Y/N)? N

Event ID: CEN-DIST-2018-10-25-04 (SMP) NCR #       

Date Received: 25-OCT-2018 10:

## 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 #   | 230515 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP: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

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Collected By:

Sampling Agency:

|              |  |                                                                           |  |                                                             |  |                                                                                 |  |                               |  |                               |  |
|--------------|--|---------------------------------------------------------------------------|--|-------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|-------------------------------|--|-------------------------------|--|
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 10/24/18 Time 1148  |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date Time    |  | Bottle Group(s)<br>(See pg 2) |  |
| Field ID     |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      |  | Total Res. Chlorine<br>(mg/L) |  | A                             |  |
| WIN/STORET # |  | Temp (C) 25.48                                                            |  | pH 6.46                                                     |  | Sample Depth 0.3                                                                |  | Sp. Conductance (umho/cm) 204 |  |                               |  |
| Latitude     |  | Salinity (ppt)                                                            |  | Comments                                                    |  |                                                                                 |  |                               |  |                               |  |
| Longitude    |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  |                                                                                 |  |                               |  |                               |  |
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 10/24/18 Time 1231  |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date Time    |  | Bottle Group(s)               |  |
| Field ID     |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      |  | Total Res. Chlorine<br>(mg/L) |  | B                             |  |
| WIN/STORET # |  | Temp (C) 25.95                                                            |  | pH 7.66                                                     |  | Sample Depth 0.3                                                                |  | Sp. Conductance (umho/cm) 248 |  |                               |  |
| Latitude     |  | Salinity (ppt)                                                            |  | Comments                                                    |  |                                                                                 |  |                               |  |                               |  |
| Longitude    |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  |                                                                                 |  |                               |  |                               |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date Time                |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date Time    |  | Bottle 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 (C)                                                                  |  | pH                                                          |  | Sample Depth                                                                    |  | Sp. Conductance (umho/cm)     |  |                               |  |
| Latitude     |  | Salinity (ppt)                                                            |  | Comments                                                    |  |                                                                                 |  |                               |  |                               |  |
| Longitude    |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  |                                                                                 |  |                               |  |                               |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date Time                |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date Time    |  | Bottle 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 (C)                                                                  |  | pH                                                          |  | Sample Depth                                                                    |  | Sp. Conductance (umho/cm)     |  |                               |  |
| Latitude     |  | Salinity (ppt)                                                            |  | Comments                                                    |  |                                                                                 |  |                               |  |                               |  |
| Longitude    |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  |                                                                                 |  |                               |  |                               |  |

|                         |                            |                          |                                 |                          |                             |
|-------------------------|----------------------------|--------------------------|---------------------------------|--------------------------|-----------------------------|
| Relinquished By:<br>MKL | Date/Time<br>10/24/18 1600 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>1 | Received By:<br>Tyler R. | Date/Time<br>10/25/18 10:30 |
|-------------------------|----------------------------|--------------------------|---------------------------------|--------------------------|-----------------------------|

|          |                                                                                    |                |                 |                                            |                        |                                     |                               |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|--------------------------------------------|------------------------|-------------------------------------|-------------------------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative:                              | ICE                    | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | 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:                                                                       | P-250ML-WI-THI | # of Bottles: 1 | Preservative:                              | Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | <u>1 sent to contract lab</u> |
|          | CD-FLR-ECQ                                                                         |                |                 |                                            |                        |                                     |                               |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 1 | Preservative:                              | ICE                    | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | CHLSUITE-W                                                                         |                |                 |                                            |                        |                                     |                               |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative:                              | ICE And H2SO4          | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |                                            |                        |                                     |                               |
|          |                                                                                    |                |                 | H2SO4<br>LOT# SA8101020<br>EXP: 04/11/2019 |                        |                                     |                               |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 1 | Preservative:                              | FILTER-ICE             | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | W-PO4-F                                                                            |                |                 |                                            |                        |                                     |                               |
| Group: B | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 1 | Preservative:                              | Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | <u>1 sent to contract lab</u> |
|          | CD-FLR-ECQ                                                                         |                |                 |                                            |                        |                                     |                               |
| Group: B | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 1 | Preservative:                              | ICE                    | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | PCR-FILTER                                                                         |                |                 |                                            |                        |                                     |                               |
| Group: B | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative:                              | ICE                    | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |                                            |                        |                                     |                               |
| Group: C | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 1 | Preservative:                              | Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | <u>0</u>                      |
|          | CD-FLR-ECQ                                                                         |                |                 |                                            |                        |                                     |                               |

Group C

Group C

0

0

3419 Trentwood Blvd., Suite 102 – Belle Isle (Orlando), FL 32812-4864 --- Phone: (407) 855-9465 --- Fax: (407) 826-0419

| CUSTODY TRANSFERS  |                    |          |       | Method of Shipment:                                                                   | Received in Cooler: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | pH Checked in Laboratory                                                       |
|--------------------|--------------------|----------|-------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| RELINQUISHED BY    | RECEIVED BY        | DATE     | TIME  | Delivered Directly to Lab: <input checked="" type="checkbox"/> X                      | Cooler Temp. verification: <u>5°C</u>                                                | (< 2 s.u.): <input type="checkbox"/> Y <input checked="" type="checkbox"/> N   |
| <i>[Signature]</i> | <i>[Signature]</i> | 10/24/18 | 13:15 | Temp. Blank Provided <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                                                                                      | pH Lot #: _____                                                                |
| 2.                 |                    |          |       | Shipped By FedEx: _____                                                               | Temperature Blank Cooler #1: _____°C                                                 | Sulfuric Acid: Lot # _____                                                     |
|                    |                    |          |       | UPS: _____                                                                            | Temperature Blank Cooler #2: _____°C                                                 | Chlorine Check                                                                 |
|                    |                    |          |       | Other: _____                                                                          | Temperature Blank Cooler #3: _____°C                                                 | (< 0.1 mg/l): <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |

|           |        |              |   |   |
|-----------|--------|--------------|---|---|
| COMMENTS: | B39585 | (40.1 mg/l). | Y | N |
|           |        |              |   |   |

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot # 00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

**Analysis**

W-E8321-DI

W-E8321-MS

**Description**

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

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

**Bottle Group: C**

**# of Sites: 1**

Container ID: P-250ML-WI-THI

Qty: 1

Preservation: Na thiosulfate and Ice

Lot # L18005

Description: 250 ml Sterilized with tablet

**Analysis**

CD-FLR-ECQ

**Description**

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Cooler Packed By: [Signature]

Number of Coolers: 1

Date: 9-28-18

Kit must also include:

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

If Preservation Included:

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

**PLEASE RETURN ALL COOLERS FOR RQ-2018-10-08-47**





Container ID: BP-1L Qty: 1 Preservation: ICE Lot # 1219444  
Description: Brown Plastic Bottle 1L

Analysis CHLSUITE-W  
Description Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML Qty: 1 Preservation: ICE And H2SO4 Lot # 21230  
Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis  
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 # 212347  
Description: Plastic Bottle 125 mL

Analysis W-PO4-F  
Description Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B # of Sites: 1

Container ID: P-250ML-WI-THI Qty: 1 Preservation: Na thiosulfate and Ice Lot #  
Description: 250 ml Sterilized with tablet

Analysis CD-FLR-ECQ  
Description Escherichia coli by Colliert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: qPCR-P-500ML Qty: 1 Preservation: ICE Lot # 212578  
Description: 500ml Sterile NaIgene  
Affix PCR Instruction Label to container

Analysis PCR-FILTER  
Description Preparation of Samples by Filtration and held for qPCR Analysis





Cooler Packing Worksheet for Request: RQ-2018-10-08-47

Kasey / Dot / Yvonne  
Ship Cooler On: 9/28/2018  
Customer/Project: CEN-DIST/SMP  
Assigned To: SHAIK\_A  
Requester: Michael Linger  
Priority: 3

407-897-4180  
FL Dept. of Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767  
Attn: Mike Linger

Comments:  
No preservatives needed.  
A: Yvonne  
B: Dot  
C: Kasey

Requested Analyses:

Bottle Group: A # of Sites: 1

Container ID: P-1L Description: Plastic Bottle 1L  
Qty: 1 Preservation: ICE Lot # 0871991

| Analysis   | Description                                                                         |
|------------|-------------------------------------------------------------------------------------|
| ALKALINITY | Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                           |
| TURBIDITY  | 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: P-250ML-WI-THI Description: 250 ml Sterilized with tablet  
Qty: 1 Preservation: Na thiosulfate and Ice Lot # 118005

Analysis CD-FLR-ECC  
Description Escherichia coli by Colliert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Date of Request: 20-SEP-2018  
 Created By: LINGER\_M On: 20-SEP-2018  
 Modified By: SWANSON\_C On: 24-OCT-2018  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Sampling Event: Kasey / Dot / Yvonne

**Send Coolers To:**

Phone: 407-897-4180  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Mike Linger

Program Module Number: 1306  
 Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: SWANSON\_C On: 24-OCT-2018  
 Biology Request Reviewed By: SWANSON\_C On: 24-OCT-2018  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped: YES On: 28-SEP-2018  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 08-OCT-2018  
 Received By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Mike Linger

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

Comments: A: Yvonne  
 B: Dot  
 C: Kasey

Changed back to ERD lab, 10/24/2018.

**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: P-120ML-WC-THI       | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CD-ERD-EC                         | Template: DEFAULT    | (EPA 1603) Escherichia coli by membrane filter method by ERD Laboratory                                      |
| Bottle Type: BP-1L                | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: 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: 1 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

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

|                             |                      |                                                                                         |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| CD-ERD-EC                   | Template: DEFAULT    | (EPA 1603) Escherichia coli by membrane filter method by ERD Laboratory                 |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| PCR-FILTER                  | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis           |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| W-E8321-DI                  | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

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

|                             |                      |                                                                         |
|-----------------------------|----------------------|-------------------------------------------------------------------------|
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 1 | Preserved With: ICE                                                     |
| CD-ERD-EC                   | Template: DEFAULT    | (EPA 1603) Escherichia coli by membrane filter method by ERD Laboratory |

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