

# Login Checklist

RQ- 2022-01-10-36

Login Station ID: #4

Shipping Method: FedEx | UPS | FD | Greyhound

Date/Time of Receipt: 01/ 5 /22 @ 14:15

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0.3                 |                 |                                        |          | 15                                    |               | X  |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

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

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

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

## CONTAINER CHECK

Evidence Tape on Bottles? Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken? Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes ✓ No \_\_\_\_\_

Caps on tight? Yes ✓ No \_\_\_\_\_

Sufficient Sample Volume: Yes ✓ No \_\_\_\_\_

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

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

Yes ✓ No \_\_\_\_\_ Init: ZR

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: ZR

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

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

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

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

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

Coolers Unpacked/Checked by: ZR Date: 01/ 5 /22 Event contains NCRs (Y/N)? N

Run 13

Event ID: TLH-ROC-2022-01-05-01 (SMP)

-Date Received: 05-JAN-2022 14:15

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/19/2022 |
| pH Test Strips 0 – 6     | N/A                        |
| pH Paper 0 – 3           | N/A                        |
| pH Paper 0 – 13          | 210620 EXP:04/15/2023      |
| Chlorine Test Strips     | 0261 EXP:05/2023           |

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 1/5/2022  
**Customer:** TLH-DIST  
**RQ:** RQ-2022-01-10-36  
**Collected By:** Jonathan Woods, Paul Blair  
**Sampling Agency:** FDEP  
**Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL  
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

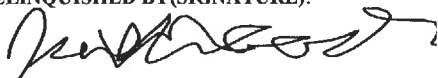
**Number of Coolers Shipped:** 1

**Delivery Method:** HandDelivered

**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location              | Field ID/WIN ID                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------|
| Williford Spring           | <br>G3TLHR0009   |
| Merial Lake Center         | <br>G3TLHR0014   |
| Bayou George Creek @ US231 | <br>G3TLHR0030 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/5/2022 1600  
EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected

Date:

1-5-2022



|                                                                                                                                   |                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| RQ-2022-01-10-36                                                                                                                  | Collected By: Jonathan Woods, Paul Blair             |
| Customer: FDEP                                                                                                                    | Field Report Prepared by: Jonathan Woods, Paul Blair |
| Project ID: SMP                                                                                                                   | Sampling Agency: FDEP                                |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3TLHR0009 | Comments:                                            |

Location:

Location: Williford Spring

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|---------------------|----------------|
| 1/5/2022<br>1020    | 0.92      | 10.5      | 21.5     | 7.9 | 0.3              | 1.3          | 1.3             | 136.8               | 0.06           |

| Parameter Suite                    | Parameter Methods |                                                                           |                |                                            | Preservation |             | pH Check |        | # Bottles sent to Lab | Bottle Group |   |   |
|------------------------------------|-------------------|---------------------------------------------------------------------------|----------------|--------------------------------------------|--------------|-------------|----------|--------|-----------------------|--------------|---|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                               |                |                                            | X            | Ice         | X        | H2SO4* | X                     | <2           | 1 | A |
|                                    |                   | Lot #                                                                     | 1105060        | Exp:                                       | 4/30/22      |             |          |        |                       |              |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                   |                | W-ICP                                      | W-HARD       | Ice         |          | HNO3*  |                       | <2           |   |   |
|                                    |                   | Lot #                                                                     |                | Exp:                                       |              |             |          |        |                       |              |   |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                   | X              | Field Filtered 0.45 µm Filter              |              | X           | Ice      |        |                       | 1            | A |   |
|                                    |                   | Filter Lot #                                                              |                | 17347262                                   |              |             |          |        |                       |              |   |   |
|                                    |                   | Syringe Lot #                                                             |                | 8179754                                    |              |             |          |        |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                |                |                                            | X            | Ice         |          |        |                       | 1            | A |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS |                |                                            |              | X           | Ice      |        |                       | 1            | A |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                            |                |                                            |              |             | Ice      |        |                       |              |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                | Formalin Lot # |                                            |              | Formalin    |          |        |                       |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                  |                |                                            |              |             | Ice      |        |                       |              |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                    |                | F Coli                                     |              | Enterococci |          | Ice    |                       |              |   |   |
|                                    |                   | Contract Lab                                                              |                |                                            |              |             |          |        |                       |              |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                 |                | PCR-BacR                                   |              | PCR-DG3     |          | Ice    |                       |              |   |   |
|                                    |                   | PCR-GULL2                                                                 |                | PCR-GFD                                    |              |             |          |        |                       |              |   |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                |                | W-E8321-MS                                 |              |             | Ice      |        |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                |                | W-E8321-MS                                 |              | W-PSNP-TQ   |          | Ice    |                       |              |   |   |
|                                    |                   | W-PCL-TQ-R                                                                |                | W-CARB-AA (5 ml of MCAA** Buffer Solution) |              | W-CT-CL-R   |          |        |                       |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                  |                | PKD-QN-BV                                  |              |             | Ice      |        |                       |              |   |   |

|                                                                                                    |           |                                                                               |          |      |                  |                |                                                      |                     |                |                                                                                         |                       |  |              |  |
|----------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------|----------|------|------------------|----------------|------------------------------------------------------|---------------------|----------------|-----------------------------------------------------------------------------------------|-----------------------|--|--------------|--|
|                    |           | RQ-2022-01-10-36                                                              |          |      |                  |                | Collected By: Jonathan Woods, Paul Blair             |                     |                |                                                                                         |                       |  |              |  |
|                                                                                                    |           | Customer: FDEP                                                                |          |      |                  |                | Field Report Prepared by: Jonathan Woods, Paul Blair |                     |                |                                                                                         |                       |  |              |  |
|                                                                                                    |           | Project ID: SMP                                                               |          |      |                  |                | Sampling Agency: FDEP                                |                     |                |                                                                                         |                       |  |              |  |
| WIN ID/Field ID:  |           | WIN ID/Field ID: G3TLHR0014                                                   |          |      |                  |                | Comments:                                            |                     |                |                                                                                         |                       |  |              |  |
| Location: Merial Lake Center                                                                       |           |                                                                               |          |      |                  |                |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Matrix: Fresh                                                                                      |           |                                                                               |          |      |                  |                |                                                      |                     |                | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |                       |  |              |  |
| Date and Time {EST}                                                                                | DO (mg/L) | DO (%SAT)                                                                     | Temp. °C | pH   | Sample Depth (m) | Secchi Depth   | Total Depth (m)                                      | Sp COND (µmhos /cm) | Salinity (PPT) |                                                                                         |                       |  |              |  |
| 1/5/2022 1055                                                                                      | 8.76      | 90.8                                                                          | 17.1     | 6.95 | 0.3              | 2.2            | 5                                                    | 17.9                | 0.01           |                                                                                         |                       |  |              |  |
| Parameter Suite                                                                                    |           | Parameter Methods                                                             |          |      |                  | Preservation   |                                                      |                     | pH Check       |                                                                                         | # Bottles sent to Lab |  | Bottle Group |  |
| Preserved Nutrients (P-500ML)                                                                      |           | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |          |      |                  | X Ice X H2SO4* |                                                      |                     | X <2           |                                                                                         | 1                     |  | A            |  |
| Metals (P-500ML)                                                                                   |           | W-ICPMS W-ICP W-HARD                                                          |          |      |                  | Ice HNO3*      |                                                      |                     | <2             |                                                                                         |                       |  |              |  |
| Filtered Nutrients (P125ML)                                                                        |           | X W-PO4-F X Field Filtered 0.45 µm Filter                                     |          |      |                  | X Ice          |                                                      |                     |                |                                                                                         | 1                     |  | A            |  |
| Chlorophyll (BP-1L)                                                                                |           | X CHLSUITE-W                                                                  |          |      |                  | X Ice          |                                                      |                     |                |                                                                                         | 1                     |  | A            |  |
| Physical/Aggregate (Fresh) (P-1L)                                                                  |           | X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |          |      |                  | X Ice          |                                                      |                     |                |                                                                                         | 1                     |  | A            |  |
| Physical/Aggregate (Marine) (P-1L)                                                                 |           | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                |          |      |                  | Ice            |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Macroinvertebrates (PJ-2L)                                                                         |           | MI-FW-QLDC Formalin Lot #                                                     |          |      |                  | Formalin       |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Periphyton (PT-50ML)                                                                               |           | ALGAE-ID                                                                      |          |      |                  | Ice            |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Microbiology (Contract Lab Bottle)                                                                 |           | E Coli F Coli Enterococci                                                     |          |      |                  | Ice            |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Molecular (QPCR-P-500ML)                                                                           |           | PCR-HF183 PCR-BacR PCR-DG3                                                    |          |      |                  | Ice            |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Tracers (BG-500ML)                                                                                 |           | W-E8321-DI W-E8321-MS                                                         |          |      |                  | Ice            |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Pesticides (BG-500ML) (BG-1L)                                                                      |           | W-E8321-DI W-E8321-MS W-PSNP-TQ                                               |          |      |                  | Ice            |                                                      |                     |                |                                                                                         |                       |  |              |  |
| Phytoplankton                                                                                      |           | DTY-QN-C PKD-QN-BV                                                            |          |      |                  | Ice            |                                                      |                     |                |                                                                                         |                       |  |              |  |



|                                                                                                                                                 |                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| RQ-2022-01-10-36                                                                                                                                | <b>Collected By:</b> Jonathan Woods, Paul Blair             |
| <b>Customer:</b> FDEP                                                                                                                           | <b>Field Report Prepared by:</b> Jonathan Woods, Paul Blair |
| <b>Project ID:</b> SMP                                                                                                                          | <b>Sampling Agency:</b> FDEP                                |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3TLHR0030 | <b>Comments:</b>                                            |

**Location:****Location:** Bayou George Creek @ US231**Matrix:** Fresh(Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 1/5/2022<br>1130    | 8.73      | 83.3      | 13.2     | 6.61 | 0.3              | 0.5          | 1.8             | 74.9               | 0.03           |

| Parameter Suite                    | Parameter Methods |                                                                              |                       | Preservation                                | pH Check | # Bottles sent to Lab | Bottle Group |   |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|-----------------------|---------------------------------------------|----------|-----------------------|--------------|---|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                       | X                                           | Ice      | X                     | H2SO4*       |   |   |
|                                    |                   | <b>Lot #</b> 1105060                                                         | <b>Exp:</b> 4/30/22   |                                             | X        | <2                    | 1            | B |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      | W-ICP                 | W-HARD                                      |          | Ice                   | HNO3*        |   |   |
|                                    |                   | <b>Lot #</b>                                                                 | <b>Exp:</b>           |                                             |          | <2                    |              |   |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                      | X                     | Field Filtered 0.45 um Filter               |          |                       |              |   |   |
|                                    |                   | <b>Filter Lot #</b> 17347262                                                 |                       |                                             | X        | Ice                   |              | 1 | B |
|                                    |                   | <b>Syringe Lot #</b> 8179754                                                 |                       |                                             |          |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                       |                                             | X        | Ice                   |              | 1 | B |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                       |                                             | X        | Ice                   |              | 1 | B |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                       |                                             |          | Ice                   |              |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | <b>Formalin Lot #</b> |                                             |          | Formalin              |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                       |                                             |          | Ice                   |              |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                       |                       | F Coli                                      |          | Enterococci           |              |   |   |
|                                    |                   | Contract Lab                                                                 |                       |                                             | X        | Ice                   |              | 1 | B |
| Molecular (QPCR-P-500ML)           | X                 | PCR-HF183                                                                    | X                     | PCR-BacR                                    | X        | PCR-DG3               |              |   |   |
|                                    |                   | PCR-GULL2                                                                    |                       | PCR-GFD                                     |          |                       |              | 1 | B |
| Tracers (BG-500ML)                 | X                 | W-E8321-DI                                                                   | X                     | W-E8321-MS                                  |          |                       |              | 1 | B |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                   |                       | W-E8321-MS                                  |          | W-PSNP-TQ             |              |   |   |
|                                    |                   | W-PCL-TQ-R                                                                   |                       | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |          | W-CT-CL-R             |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                     |                       | PKD-QN-BV                                   |          |                       |              |   |   |

Date of Request: 21-DEC-2021  
 Created By: ECKLES\_M On: 21-DEC-2021  
 Modified By: SWANSON\_C On: 29-DEC-2021  
 Customer: TLH-ROC  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Not Applicable  
 Event Description: Run 13

**Send Coolers To:**

Phone: 850-245-7586  
 2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Cooler Ship EMail: Michael.eckles@floridadep.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 27-DEC-2021  
 Biology Request Reviewed By: SWANSON\_C On: 29-DEC-2021  
 Sampling Kit Required: YES Ship on: 05-JAN-2022  
 Sampling Kit Shipped: YES On: 03-JAN-2022  
 Sampling Kit Packed By: ROBERTS\_Z  
 Preservatives Needed: NO  
 Date to Receive Samples: 10-JAN-2022  
 Logged In By:

**Send Final Report To:**

2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Report Notification EMail:  
 michael.eckles@FloridaDEP.gov;terry.green@floridadep.gov

Comments: Group A: WBID 966 (0014 & 0009)

Group B: WBID 1056B (0009)

No FedEx Labels

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

|                   |                      |                                                                                                        |
|-------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 2 | Preserved With: ICE                                                                                    |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                     |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                      |
| W-COLOR           | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                        |
| Color (true)      |                      |                                                                                                        |
| W-F               | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                       |
| W-TDS             | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                            |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 2 | 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: 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-2011) 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 1 Samples:**

|                      |                      |                               |
|----------------------|----------------------|-------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4 |
|----------------------|----------------------|-------------------------------|

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

|                             |                   |                                                                                                                                               |                               |
|-----------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-500ML        |                   | Number of Bottles: 1                                                                                                                          | Preserved With: ICE And H2SO4 |
| W-NH3                       | Template: DEFAULT | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                    |                               |
| W-NO2NO3                    | Template: DEFAULT | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                            |                               |
| W-S-A-TP                    | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                           |                               |
| W-TKN                       | Template: DEFAULT | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                              |                               |
| W-TOC                       | Template: DEFAULT | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                              |                               |
| Bottle Type: P-125ML        |                   | Number of Bottles: 1                                                                                                                          | Preserved With: FILTER-ICE    |
| W-PO4-F                     | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                                                      |                               |
| Bottle Type: P-1L           |                   | Number of Bottles: 1                                                                                                                          | Preserved With: ICE           |
| ALKALINITY                  | Template: DEFAULT | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                 |                               |
| TURBIDITY                   | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                            |                               |
| W-CL-IC                     | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                             |                               |
| W-COLOR                     | Template: DEFAULT | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                                                               |                               |
| Color (true)                |                   |                                                                                                                                               |                               |
| W-F                         | Template: DEFAULT | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |                               |
| W-SO4-IC                    | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                              |                               |
| W-TDS                       | Template: DEFAULT | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                                                   |                               |
| W-TSS                       | Template: DEFAULT | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                               |                               |
| Bottle Type: BP-1L          |                   | Number of Bottles: 1                                                                                                                          | Preserved With: ICE           |
| CHLSUITE-W                  | Template: DEFAULT | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                  |                               |
| Bottle Type: P-250ML-WO-THI |                   | Number of Bottles: 1                                                                                                                          | Preserved With: ICE           |
| ECOLI-18QT                  | Template: DEFAULT | (SM 9223 B Quanti-Tray) Escherichia coli by Colliert 18 Quanti-Tray method - non-chlorinated water systems                                    |                               |
| Bottle Type: QPCR-P-500ML   |                   | Number of Bottles: 1                                                                                                                          | Preserved With: ICE           |
| PCR-BACR                    | Template: DEFAULT | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |                               |
| PCR-COWM2                   | Template: DEFAULT | (SOP-PCR-1.6) Detection and quantification of cow-specific COWM2 genetic marker with quantitative polymerase chain reaction                   |                               |
| PCR-HF183                   | Template: DEFAULT | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction     |                               |
| Bottle Type: BG-500ML       |                   | Number of Bottles: 1                                                                                                                          | Preserved With: ICE           |
| W-E8321-DI                  | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |                               |
| W-E8321-MS                  | Template: SMP     | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |                               |

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