

24-16  
RQ- 2023 - 04 - 40 - 29 - AD

# Login Checklist

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04/25/2023 / 09:10

| *Cooler Temperature | Samples Frozen? | * All Samples In Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                 |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 0.6C                |                 |                                        |          | 42-9<br>PR                            |               | X  |          |    | 5859 4735 0097     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> 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 x No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes \_\_\_\_\_ No x

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA x Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes x No \_\_\_\_\_

Caps on tight?

Yes x No \_\_\_\_\_

Sufficient Sample Volume:

Yes x 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 x Init: ABS /

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: ABS /

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 x No \_\_\_\_\_ NA \_\_\_\_\_ Init: ABS /

\*\*W-1-4-DIOX (Green dot on container) preserved to pH< 4.0?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA x Init: ABS /

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

Coolers Unpacked/Checked by: ABS /

Date: 04/25/2023

Event contains NCRs (Y/N)? N

EventID:

SE - DIST - 2023 - 04 - 25 - 0 |

# Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                          |
|--------------------------|--------------------------|
| Infrared Thermometer ID: | IRTG # 2 EXP:10/17/2023  |
| pH Test Strips 0 – 6     | LOT#223819AV EXP:8/30/23 |
| pH Paper 0 – 3           | N/A                      |
| pH Paper 0 – 13          | LOT#207621 EXP:3/15/2024 |
| Chlorine Test Strips     | LOT#207621 EXP:3/15/2024 |

1196/2024/02 abs/04/03/23

## ENCORE SAMPLES

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

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

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# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 4/24/2023      **Collected By:** Charlie Hoey, Andrew Luering  
**Customer:**      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-04-24-16      **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:** FedEx

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

| Site Location                        | Field ID/WIN ID                                                                                |
|--------------------------------------|------------------------------------------------------------------------------------------------|
| BUCK LAKE NEAR CENTER                | <br>G4SE0167 |
| ARBUCKLE BRANCH AT ARBUCKLE CREEK RD | <br>G4SE0149 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/24/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** a.shaik

**Rec'd/Inspected**  
**Date:** 04/25/2023



|                  |                                                        |
|------------------|--------------------------------------------------------|
| RQ-2023-04-24-16 | Collected By: Charlie Hoey, Andrew Luering             |
| Customer: FDEP   | Field Report Prepared by: Charlie Hoey, Andrew Luering |
| Project ID: SMP  | Sampling Agency: FDEP                                  |

|                                                                                                                                 |           |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|
| WIN ID/Field ID: <br>WIN ID/Field ID: G4SE0167 | Comments: |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|

Location: BUCK LAKE NEAR CENTER

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                | Temp. °C       | pH                                | Sample<br>Depth (m)                         | Secchi<br>Depth               | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT) |                          |                 |   |     |   |   |
|------------------------------------|--------------|-----------------------------------------------------------------------------|----------------|-----------------------------------|---------------------------------------------|-------------------------------|-----------------------|------------------------|-------------------|--------------------------|-----------------|---|-----|---|---|
| 4/24/2023<br>915                   | 8.61         | 105.7                                                                       | 25.7           | 7.51                              | 0.3                                         | 3.6                           | 5.3                   | 316.5                  | 0.15              |                          |                 |   |     |   |   |
| Parameter Suite                    |              | Parameter Methods                                                           |                |                                   |                                             | Preservation                  |                       | pH Check               |                   | # Bottles<br>sent to Lab | Bottle<br>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 #                                                                       |                | SA2299040                         |                                             | Exp:                          | 11/04/2023            |                        |                   |                          |                 |   |     |   |   |
| Metals (P-500ML)                   |              | W-ICPMS                                                                     |                | W-ICP                             |                                             |                               | W-HARD                |                        | Ice               |                          | HNO3*           |   | <2  |   |   |
|                                    |              | Lot #                                                                       |                |                                   | Exp:                                        |                               |                       |                        |                   |                          |                 |   |     |   |   |
| Filtered Nutrients (P125ML)        |              | W-PO4-F                                                                     |                | Field Filtered 0.45 µm Filter     |                                             |                               |                       | Ice                    |                   |                          |                 |   |     |   |   |
|                                    |              | Filter Lot #                                                                |                | Syringe Lot #                     |                                             |                               |                       |                        |                   |                          |                 |   |     |   |   |
| BOD (BP-1L)                        |              | OV-BODUNIN                                                                  |                |                                   |                                             |                               |                       | Ice                    |                   |                          |                 |   |     |   |   |
| 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-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               | MCAA<br>Exp.             | MCAA<br>Lot#    |   |     |   |   |
|                                    |              | W-PCL-TQ-R                                                                  |                |                                   | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                               |                       | W-CT-CL-R              |                   |                          |                 |   |     |   |   |
|                                    |              | W-TR-SQ-R                                                                   |                | W-PCB-TQ-R                        |                                             |                               |                       |                        |                   |                          |                 |   |     |   |   |
| Phytoplankton                      |              | DTY-QN-C                                                                    |                | PKD-QN-BV                         |                                             |                               |                       | Ice                    |                   |                          |                 |   |     |   |   |
| DOC                                |              | W-DOC                                                                       |                |                                   |                                             | Field Filtered 0.45 µm Filter |                       |                        | Ice               |                          | H2SO<br>4*      |   | <2  |   |   |
|                                    |              |                                                                             |                | Acid Preservative Expiration Date |                                             |                               |                       |                        |                   |                          |                 |   |     |   |   |
|                                    |              |                                                                             |                | Acid Preservative Lot Number      |                                             |                               |                       |                        |                   |                          |                 |   |     |   |   |



RQ-2023-04-24-16

Customer: FDEP

Project ID: SMP

Collected By: Charlie Hoey, Andrew Luering

Field Report Prepared by: Charlie Hoey, Andrew Luering

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G4SE0149

Location: ARBUCKLE BRANCH AT ARBUCKLE CREEK RD

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 4/24/2023 1015      | 8.23      | 97        | 23.6     | 5.93 | 0.05             | 0.16         | 0.16            | 248                | 0.12           |

  

| 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 | B |
|                                    |                   | Lot #                                                                      |                                          | SA2299040                     | Exp:         | 11/04/2023 |           |           |                       |              |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                    |                                          | W-ICP                         | W-HARD       | Ice        | HNO3*     |           | <2                    |              |   |   |
|                                    |                   | Lot #                                                                      |                                          | Exp:                          |              |            |           |           |                       |              |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                    |                                          | Field Filtered 0.45 um Filter |              | Ice        |           |           |                       |              |   |   |
|                                    |                   | Filter Lot #                                                               | Syringe Lot #                            |                               |              |            |           |           |                       |              |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                 |                                          |                               |              | Ice        |           |           |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                 |                                          |                               |              | X          | Ice       |           |                       | 1            | B |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |              | X          | Ice       |           |                       | 1            | B |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / 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) | X                 | E Coli                                                                     | F Coli                                   | Enterococci                   | X            | Ice        |           |           |                       | 1            | B |   |
|                                    |                   | Contract Lab                                                               |                                          |                               |              |            |           |           |                       |              |   |   |
| Molecular (QPCR-P-500ML)           | X                 | PCR-HF183                                                                  | X                                        | PCR-BacR                      | X            | PCR-DG3    | X         | Ice       |                       |              | 1 | B |
|                                    |                   | PCR-GULL2                                                                  |                                          | PCR-GFD                       |              |            |           |           |                       |              |   |   |
| Tracers (BG-500ML)                 | X                 | W-E8321-DI                                                                 | X                                        | W-E8321-MS                    | X            | Ice        |           |           |                       | 1            | B |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 | W-E8321-MS                               | W-PSNP-TQ                     |              | Ice        | MCAA Exp. | MCAA Lot# |                       |              |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 | W-CAR8-AA (5 ml of MCAA Buffer Solution) | W-CT-CL-R                     |              |            |           |           |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                  | W-PC8-TQ-R                               |                               |              |            |           |           |                       |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                   | PKD-QN-BV                                |                               |              | Ice        |           |           |                       |              |   |   |
| DOC                                |                   | W-DOC                                                                      | Field Filtered 0.45 um Filter            |                               |              | Ice        | H2SO4*    |           | <2                    |              |   |   |
|                                    |                   |                                                                            | Acid Preservative Expiration Date        |                               |              |            |           |           |                       |              |   |   |
|                                    |                   |                                                                            | Acid Preservative Lot Number             |                               |              |            |           |           |                       |              |   |   |



Date of Request: 14-MAR-2023  
 Created By: LUERING\_A On: 14-MAR-2023  
 Modified By: JASROTIA\_P On: 05-APR-2023  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: Buck Lake / Arbuckle Creek Makeup

**Send Coolers To:**

Phone: (772) 380-5572  
 FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Cooler Ship EMail: Jordan.Skaggs@FloridaDEP.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 05-APR-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 05-APR-2023  
 Sampling Kit Required: YES Ship on: 14-APR-2023  
 Sampling Kit Shipped: YES On: 06-APR-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 25-APR-2023  
 Logged In By: SHAIK\_A On: 25-APR-2023

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Report Notification EMail:  
 Jordan.Skaggs@FloridaDEP.gov;Andrew.Luering@FloridaDEP.gov

Comments: Bottle Group A  
 Nutrients G4SE0167

Bottle Group B  
 Nutrients, E. coli, PCR, and Tacers G4SE0149

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

|                                   |                      |                                                                                                         |
|-----------------------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-2011) 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    | (DEP SOP: NU-094-1) 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-SO <sub>4</sub> -IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-2015) 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 10150 B) 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                                        |

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

|                                   |                   |                                                                                                                                               |                                                        |
|-----------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Bottle Type: P-1L                 |                   | Number of Bottles: 1                                                                                                                          | Preserved With: ICE                                    |
| ALKALINITY                        | Template: DEFAULT | (SM 2320 B-2011) 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 | (DEP SOP: NU-094-1) 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-SO <sub>4</sub> -IC             | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                              |                                                        |
| W-TDS                             | Template: DEFAULT | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                                                   |                                                        |
| W-TSS                             | Template: DEFAULT | (SM 2540 D-2015) 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 10150 B) 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 Colilert 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-DG3                           | Template: DEFAULT | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides 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                                                       |                                                        |
| 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                              |                                                        |

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