

# Login Checklist

RQ- 2023-03-06-34

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/28/23 @ 0917

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |          |          |    | Waybill Tracking #  |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----------|----------|----|---------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |          | *Intact? |    |                     |
|                     |                        |                                        |          |                                       | Yes           | No       | Yes      | No |                     |
| <u>1.2</u>          |                        |                                        |          | <u>11</u>                             |               | <u>x</u> |          |    | <u>885947337560</u> |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |

## 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 X No \_\_\_\_\_ Init: BKK

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: BKK

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: BKK

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 03/28/23

Event contains NCRs (Y/N)? N

SMP - Melbourne

Event ID: SE-DIST-2023-03-28-01 (SMP)

— Date Received: 28-MAR-2023 09:17

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/17/2023 |
| pH Test Strips 0 – 6     | Lot#223819AV   Exp:8/30/23    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#210620   Exp:4/15/23      |
| Chlorine Test Strips     | Lot#0129   Exp:3/23           |

### 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# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 3/27/2023      **Collected By:** Andrew Luering, Tirzah Chichester  
**Customer:**      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-03-06-34      **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                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| SAWGRASS LAKE EAST OF CENTER   | <br>G3SE0068   |
| CRANE CREEK EAST OF RR BRIDGE  | <br>G3SE0071   |
| KID CREEK AT OLD DIXIE HIGHWAY | <br>G5SE0050 |

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 3/27/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: Bran Kreuch

Rec'd/Inspected  
Date: 3/28/23 0917



RQ-2023-03-06-34

Customer: FDEP

Project ID: SMP

Collected By: Andrew Luering, Tirzah Chichester

Field Report Prepared by: Andrew Luering, Tirzah Chichester

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G3SE0068

Location: SAWGRASS LAKE EAST OF CENTER

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 (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|-----------------|
| 3/27/2023 1020      | 6.93      | 86.2      | 26.5     | 7.75 | 0.3              | 0.7          | 1.2             | 776                | 0.38            |

  

| 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 # 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-C / 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 Exp. | MCAA Lot# |                       |              |   |   |
|                                    |                                  | W-PCL-TQ-R                                                                 | W-CARB-AA (5 ml of 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      | H2SO4*    |           | <2                    |              |   |   |
|                                    | Add Preservative Expiration Date |                                                                            |                                          |             |              |          |           |           |                       |              |   |   |
|                                    | Add Preservative Lot Number      |                                                                            |                                          |             |              |          |           |           |                       |              |   |   |



|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| RQ-2023-03-06-34       | <b>Collected By:</b> Andrew Lueling, Tirzah Chichester             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Andrew Lueling, Tirzah Chichester |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                       |

WIN ID/Field ID:



WIN ID/Field ID: G3SE0071

Comments:

Location: CRANE CREEK EAST OF RR BRIDGE

Matrix: Marine

(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>(PPTH) |                          |                 |    |   |
|------------------------------------|--------------|------------------------------------------------------------------------------|------------|---------------------------------------------|---------------------|-----------------|-----------------------|------------------------|--------------------|--------------------------|-----------------|----|---|
| 3/27/2023<br>1130                  | 6.42         | 86.2                                                                         | 26.5       | 7.72                                        | 0.3                 | 0.8             | 0.8                   | 22141                  | 13.15              |                          |                 |    |   |
| Parameter Suite                    |              | Parameter Methods                                                            |            |                                             |                     | Preservation    |                       | pH Check               |                    | # Bottles<br>sent to Lab | Bottle<br>Group |    |   |
| Preserved Nutrients (P-500ML)      |              | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |            |                                             |                     | Ice             |                       | H2SO4*                 |                    | <2                       |                 |    |   |
|                                    |              | Lot #                                                                        |            | Exp:                                        |                     |                 |                       |                        |                    |                          |                 |    |   |
| 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)                |              | CHLSUITE-W                                                                   |            |                                             |                     | Ice             |                       |                        |                    |                          |                 |    |   |
| Physical/Aggregate (Fresh) (P-1L)  |              | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |            |                                             |                     | Ice             |                       |                        |                    |                          |                 |    |   |
| 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                                      |                     | X               | Enterococci           | x                      | Ice                |                          |                 | 1  | C |
|                                    |              | 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       |                       | x                      | Ice                | MCAA<br>Exp.             | MCAA<br>Lot#    | 4  | C |
|                                    |              | X                                                                            | W-PCL-TQ-R | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                     | X               | W-CT-CL-R             |                        |                    |                          |                 |    |   |
|                                    |              | W-TR-SQ-R                                                                    |            | X                                           | 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-2023-03-06-34

Customer: FDEP

Project ID: SMP

Collected By: Andrew Luering, Tirzah Chichester

Field Report Prepared by: Andrew Luering, Tirzah Chichester

Sampling Agency: FDEP

Comments:

 WIN ID/Field ID:   
 WIN ID/Field ID: G5SE0050

Location: KID CREEK AT OLD DIXIE HIGHWAY

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) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|---------------------|----------------|
| 3/27/2023<br>1200   | 2.87      | 34.6      | 23.3     | 6.8 | 0.1              | 0.2          | 0.2             | 589                 | 0.29           |

| Parameter Suite                    | Parameter Methods                                                            |                                          | Preservation |        | pH Check  | # Bottles sent to Lab | Bottle Group |   |   |
|------------------------------------|------------------------------------------------------------------------------|------------------------------------------|--------------|--------|-----------|-----------------------|--------------|---|---|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                          | Ice          | H2SO4* | <2        |                       |              |   |   |
|                                    | Lot #                                                                        | Exp:                                     |              |        |           |                       |              |   |   |
| 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)                | CHLSUITE-W                                                                   |                                          | Ice          |        |           |                       |              |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          | Ice          |        |           |                       |              |   |   |
| 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-CARB-AA (5 ml of 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 um Filter            | Ice          | H2SO4* | <2        |                       |              |   |   |
|                                    |                                                                              | Acid Preservative Expiration Date        |              |        |           |                       |              |   |   |
|                                    |                                                                              | Acid Preservative Lot Number             |              |        |           |                       |              |   |   |

Date of Request: 09-FEB-2023  
 Created By: SKAGGS\_J On: 09-FEB-2023  
 Modified By: JASROTIA\_P On: 17-FEB-2023  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: SMP - Melbourne

**Send Coolers To:**

Phone: (772) 448-5884  
 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: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 16-FEB-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 17-FEB-2023  
 Sampling Kit Required: YES Ship on: 24-FEB-2023  
 Sampling Kit Shipped: YES On: 21-FEB-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 14-MAR-2023  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Andrew Luering  
 Report Notification EMail:  
 jordan.skaggs@floridadep.gov;andrew.luering@floridadep.gov

Comments:  
 Sampler Comments:

A -  
 Nutrients  
 G3SE0068

B  
 Ecoli, PCR, Tracers  
 G5SE0050

C  
 Enter, W-CT-CL-R/W-PCL-TQ-R/W-PCB-TQ-R  
 G3SE0070

**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 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    | (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-SO4-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 H2SO4                                                                           |

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

|                             |                      |                                                                                                                                               |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Group C (Water) With 1 Samples:**

|                               |                      |                                                                                                 |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI   | Number of Bottles: 1 | Preserved With: ICE                                                                             |
| ENT-24-QT                     | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems    |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                             |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                  |
| W-PCL-TQ-R                    | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS    |

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