

# Login Checklist

RQ- 2022-01-10-17

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 01/12/22 @ 9:30

| *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 |                    |
| 1.0                 |                 |                                        |          | 63                                    |               | X  |          |    | 5225 5540 871      |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 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 ✓ 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 X Init: ZR

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: \_\_\_\_\_

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: 01/12/22

Event contains NCRs (Y/N)? N

Event ID: Run 3  
CEN-DIST-2022-01-12-01 (SMP)  
 Date Received: 12-JAN-2022 09:30

## 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:** 1/11/2022  
**Customer:** CEN-DIST  
**RQ:** RQ-2022-01-10-17  
**Collected By:** Leif Boman, Elizabeth Bates  
**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:** FedEx

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

| Site Location                              | Field ID/WIN ID                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------|
| Reedy Lake Basin @ Lake Reedy Blvd- Bridge | <br>G4CE0224  |
| Livingston Creek @ Old Avon Park Rd        | <br>G4CE0210 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/11/2022  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected  
Date: 1-12-2022



RQ-2022-01-10-17

Collected By: Leif Boman, Elizabeth Bates

Customer: FDEP

Field Report Prepared by: Leif Boman, Elizabeth Bates

Project ID: SMP

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G4CE0224

Location:

Location: Reedy Lake Basin @ Lake Reedy Blvd- Bridge

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 1/11/2022 1140      | 9.71      | 107.6     | 20.4     | 7.74 | 0.3              | 0.4          | 0.4             | 243.3               | 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 #             |                                                                             | SA1105060                                |            | Exp:                          |     | 4/30/2022 |          |                       |              |   |   |   |
| 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            | B |   |   |
|                                    | Filter Lot #      |                                                                             | 17135566                                 |            | Syringe Lot #                 |     | 4/30/2022 |          |                       |              |   |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                  |                                          |            |                               |     | Ice       |          |                       |              |   |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                                          |            |                               | X   | Ice       |          |                       |              |   |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |            |                               | X   | Ice       |          |                       |              |   |   |   |
| 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) | X                 | E Coli                                                                      |                                          | F Coli     | Enterococci                   |     | X         | Ice      |                       |              |   | 2 | B |
|                                    | 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                     |     |           |          |                       |              |   |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                    |                                          | PKD-QN-BV  |                               |     |           | Ice      |                       |              |   |   |   |



|                                                                                                                                 |                                                       |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| RQ-2022-01-10-17                                                                                                                | Collected By: Leif Boman, Elizabeth Bates             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Leif Boman, Elizabeth Bates |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                 |
| WIN ID/Field ID: <br>WIN ID/Field ID: G4CE0210 | Comments:                                             |

**Location:**

Location: Livingston Creek @ Old Avon Park Rd

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L)    | DO (%SAT)                                                                   | Temp. ©   | pH             | Sample Depth (m)                         | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT <sub>h</sub> ) |                       |              |   |           |           |   |   |
|------------------------------------|--------------|-----------------------------------------------------------------------------|-----------|----------------|------------------------------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|---|-----------|-----------|---|---|
| 1/11/2022 1205                     | 0.89         | 9.6                                                                         | 18.7      | 5.18           | 0.3                                      | 0.4          | 0.5             | 123.7               | 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 #        |                                                                             | SA1105060 |                | Exp:                                     |              | 4/30/2022       |                     |                              |                       |              |   |           |           |   |   |
| Metals (P-500ML)                   | X            | W-ICPMS                                                                     |           | X              | W-ICP                                    | X            | W-HARD          | X                   | Ice                          | X                     | HNO3*        | X | <2        | 1         | A |   |
|                                    | Lot #        |                                                                             | NA1105100 |                | Exp:                                     |              | 06/07/2022      |                     |                              |                       |              |   |           |           |   |   |
| Filtered Nutrients (P125ML)        | X            | W-PO4-F                                                                     |           | X              | Field Filtered 0.45 µm Filter            |              | X               | Ice                 |                              |                       |              | 1 | A         |           |   |   |
|                                    | Filter Lot # |                                                                             | 17135566  |                | Syringe Lot #                            |              |                 |                     |                              |                       |              |   |           | 4/30/2022 |   |   |
| 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-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) | X            | E Coli                                                                      |           |                | F Coli                                   |              | Enterococci     | X                   |                              |                       |              |   |           | Ice       | 1 | A |
|                                    | 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                               |              |                 | Ice                 | MCAA Exp.                    | MCAA Lot#             |              |   |           |           |   |   |
|                                    |              | 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                 |                              |                       |              |   |           |           |   |   |



Date of Request: 14-DEC-2021  
 Created By: BEARDEN\_M On: 14-DEC-2021  
 Modified By: SWANSON\_C On: 29-DEC-2021  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Event Description: Run 3

**Send Coolers To:**

Phone: 407-897-4123  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Matthew Bearden  
 Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3  
 Event Status: A  
 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: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 12-JAN-2022  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Matthew Bearden  
 Report Notification EMail:  
 matthew.bearden@floridadep.gov; victoria.schwartz@floridadep.gov

Comments: Built in-house

**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    | (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-SO <sub>4</sub> -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 Colilert 18 Quanti-Tray method - non-chlorinated water systems                                     |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-HARD                      | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Titanium             |                      |                                                                                                                                                |
| Vanadium             |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron               |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Barium               |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Cobalt               |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Molybdenum           |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| 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 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 Colilert 18 Quanti-Tray method - non-chlorinated water systems   |



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

