

RQ-2020-08-24-41

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | AD | Greyhound

Date/Time of Receipt: 9/8/2020 14:50

| *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 |                    |
| 1.4                 |                 |                                        |          | 9                                     |               | ✓  |          |    | ----               |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 ☒ No \_\_\_\_\_

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

Yes \_\_\_\_\_ No ☒

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒

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

If Criminal, photographs taken?

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

Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight?

Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume:

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

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes \_\_\_\_\_ No ☒ Init: IM

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 &lt; 2.0?

Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: IM

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 9/8/2020

Event contains NCRs (Y/N)? ☒

Event ID: \_\_\_\_\_

Run 11

TLH-ROC-2020-09-08-02 (SMP)

Page 1 of 2, 06/1

Date Received: 08-SEP-2020 14:50

## Login Checklist

**Login Preservation Equipment**

**Lot # & Exp: Date**

**Additional Comments:**

|                                 |                            |
|---------------------------------|----------------------------|
| <b>Infrared Thermometer ID:</b> | IR TEMP GUN #2 exp:11/5/20 |
| <b>pH Test Strips 0 – 6</b>     |                            |
| <b>pH Paper 0 – 3</b>           |                            |
| <b>pH Paper 0 – 13</b>          | 231019 exp: 11/1/22        |
| <b>Chlorine Test Strips</b>     | 8261 exp: 07/2021          |

### 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:** 9/8/2020  
**Customer:** TLH-DIST  
**RQ:** RQ-2020-08-24-41

**Collected By:** Mike Eckles, Jonathan Woods  
**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

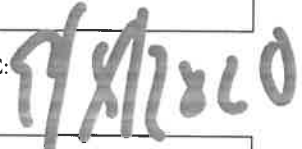
**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location                   | Field ID/WIN ID                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------|
| Alligator Harbor Near Clam Beds | <br>G2TLHR0025  |
| FB                              | <br>FB_08092020 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME:

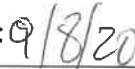


**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected Date:





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: Alligator Harbor Near Clam Beds

Date: 9/8/2020

WIN/Field ID: G2TLHR0025

WBID: 1256

ENR: ENRP6

Latitude: 29.9209

County: FRANKLIN

Org ID: 21FLTLHR

Longitude: -84.4346

Receiving Body of Water: Apalachicola - Chipola

RQ- 2020-08-24-41

| Sampling Team Members               |                | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Mike Eckles    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | Jonathan Woods | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            |                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input type="checkbox"/>            |                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

| Sampling Equipment                                   |                                                    |
|------------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy                    |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn                  |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole                      |
| Depth measured with: Sonar                           |                                                    |
| Secchi Equipment ID:                                 |                                                    |
| Collection Method                                    |                                                    |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other                       | <input checked="" type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                 |            |                  |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|-----------------------------|
| Water Level: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# 153484 |                             |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide: FALLING    | Tide Times: High: Low: 1250 |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |            |                  |                             |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |            |                  |                             |
| Notes:                                                                                                                                                                                                                                                          |            |                  |                             |

## Duplicate Sample

|                      |           |               |              |
|----------------------|-----------|---------------|--------------|
| Time Zone: EST       | Time: N/A | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |           |               |              |

## Blank

|                    |                      |                       |                       |
|--------------------|----------------------|-----------------------|-----------------------|
| Time Zone: EST     | Time: 13:00          | Field ID: FB_08092020 | (Blank Type_DDMMYYYY) |
| DI Source: Car boy | Location: Truck/ramp |                       |                       |
| DI Type: FB        | Equipment ID: 1a     |                       |                       |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



RQ- 2020-08-24-41

Customer: WQAP

Project ID: SMP

Collected By: Mike Eckles, Jonathan Woods

Field Report Prepared By: Mike Eckles, Jonathan Woods

Sampling Agency: FDEP

## BLANK



Field ID: FB 08092020

Comments:

Matrix: FB

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Car boy

9/8/2020

13:00

EST / CST

| Parameter Suite                               | Parameter Methods                                                                                                                                                                                                                                        | Preservation                                                                      | pH Check                    | # Bottles sent to Lab    | Bottle Group |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|--------------|
| <b>Preserved Nutrients (P-500ML)</b>          | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br><b>Lot #</b> _____ <b>Exp:</b> 2/7/21                                                                                                                                 | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input type="checkbox"/> <2 | 1                        | E            |
| <b>Metals (P-500ML)</b>                       | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP<br><b>Lot #</b> _____ <b>Exp:</b> _____                                                                                                                                                  | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4                       | <input type="checkbox"/> <2 |                          |              |
| <b>Filtered Nutrients (P125ML)</b>            | <input checked="" type="checkbox"/> W-PO4-F Filter <input type="checkbox"/> Field Filtered 0.45 µm<br><b>Filter Lot #</b> 1696882<br><b>Syringe Lot #</b> 9240133                                                                                        | <input checked="" type="checkbox"/> Ice                                           |                             | 1                        | E            |
| <b>Physical/Aggregate (Fresh) (P-1L)</b>      | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-IC / TDS                                                                                                                                                | <input type="checkbox"/> Ice                                                      |                             |                          |              |
| <b>Physical/Aggregate (Marine) (P-1L)</b>     | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                       | <input checked="" type="checkbox"/> Ice                                           |                             | 1                        | E            |
| <b>Tracers (BG-500ML)</b>                     | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                  | <input type="checkbox"/> Ice                                                      |                             |                          |              |
| <b>Pesticides (BG-500ML) (BG-1L)</b>          | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) | <input type="checkbox"/> Ice                                                      |                             |                          |              |
| <b>Name:</b><br>Mike Eckles<br>Jonathan Woods |                                                                                                                                                                                                                                                          | <b>Signature:</b><br>                                                             |                             | <b>Date:</b><br>9/8/2020 |              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



RQ-2020-08-24-41

Customer: WQAP

Project ID: SMP

Collected By: Mike Eckles, Jonathan Woods

Field Report Prepared By: Mike Eckles

Sampling Agency: FDEP

| Place Label Here<br><br>WIN ID/Field ID: <br>G2TLHR0025<br>Location: Alligator Harbor Near Clam Beds |           |                                                                                                                                                                                                                                                          |           |             |            | Comments: E.coli blank included                                                         |                                         |                                        |                       |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------|-----------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------|----------------|
| Matrix: Marine                                                                                                                                                                        |           |                                                                                                                                                                                                                                                          |           |             |            | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                                         |                                        |                       |                |
| Date                                                                                                                                                                                  | Time      | DO (mg/L)                                                                                                                                                                                                                                                | DO (%SAT) | Temp. (C°)  | pH         | Sample Depth (m)                                                                        | Secchi Disk (m)                         | Total Depth (m)                        | Sp COND (µmhos/cm)    | Salinity (PPT) |
| 9/8/2020                                                                                                                                                                              | 12:45 EST | 6.91                                                                                                                                                                                                                                                     | 108.7     | 30.6        | 8.12       | 0.3'                                                                                    | 0.7<br><input type="checkbox"/> VOB (S) | 1.7                                    | 46501                 | 30.03          |
| Central Lab please use top row for login purposes                                                                                                                                     |           |                                                                                                                                                                                                                                                          |           |             |            |                                                                                         |                                         |                                        |                       |                |
|                                                                                                                                                                                       | 12:50 EST | 6.83                                                                                                                                                                                                                                                     | 107.6     | 30.5        | 8.12       | 1.2                                                                                     |                                         |                                        | 46470                 | 30.01          |
| Parameter Suite                                                                                                                                                                       |           | Parameter Methods                                                                                                                                                                                                                                        |           |             |            | Preservation                                                                            |                                         | pH Check                               | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)                                                                                                                                                         |           | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                          |           |             |            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4*      |                                         | <input checked="" type="checkbox"/> <2 | 1                     | B              |
|                                                                                                                                                                                       |           | Lot # Sa0038110                                                                                                                                                                                                                                          |           | Exp: 2/7/21 |            |                                                                                         |                                         |                                        |                       |                |
| Metals (P-500ML)                                                                                                                                                                      |           | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                                                                          |           |             |            | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                             |                                         | <input type="checkbox"/> <2            |                       |                |
|                                                                                                                                                                                       |           | Lot #                                                                                                                                                                                                                                                    |           | Exp:        |            |                                                                                         |                                         |                                        |                       |                |
| Filtered Nutrients (P125ML)                                                                                                                                                           |           | <input checked="" type="checkbox"/> W-PC4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                       |           |             |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | B              |
|                                                                                                                                                                                       |           | Filter Lot # 1696882                                                                                                                                                                                                                                     |           |             |            |                                                                                         |                                         |                                        |                       |                |
|                                                                                                                                                                                       |           | Syringe Lot # 9240133                                                                                                                                                                                                                                    |           |             |            |                                                                                         |                                         |                                        |                       |                |
| Chlorophyll (BP-1L)                                                                                                                                                                   |           | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                           |           |             |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | B              |
| Physical/Aggregate (Fresh) (P-1L)                                                                                                                                                     |           | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                     |           |             |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Physical/Aggregate (Marine) (P-1L)                                                                                                                                                    |           | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                       |           |             |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | B              |
| Macroinvertebrates (PJ-2L)                                                                                                                                                            |           | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                      |           |             |            | <input type="checkbox"/> Formalin                                                       |                                         |                                        |                       |                |
| Periphyton (PT-50ML)                                                                                                                                                                  |           | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                        |           |             |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Microbiology (Contract Lab Bottle)                                                                                                                                                    |           | <input type="checkbox"/> E Coli <input checked="" type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                      |           |             |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | B              |
| Molecular (QPCR-P-500ML)                                                                                                                                                              |           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                                                    |           |             |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Tracers (BG-500ML)                                                                                                                                                                    |           | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                  |           |             |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Pesticides (BG-500ML) (BG-1L)                                                                                                                                                         |           | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |           |             |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
|                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                          |           |             |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Name:                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                          |           |             | Signature: |                                                                                         |                                         |                                        |                       | Date:          |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

Date of Request: 18-AUG-2020  
 Created By: ECKLES\_M On: 18-AUG-2020  
 Modified By: JASROTIA\_P On: 18-AUG-2020  
 Customer: TLH-ROC  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Not Applicable  
 Event Description: Run 11

**Send Coolers To:**

Phone: 850-245-7586  
 2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Cooler Ship EMail: michael.eckles@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 18-AUG-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 18-AUG-2020  
 Sampling Kit Required: YES Ship on: 24-AUG-2020  
 Sampling Kit Shipped: YES On: 21-AUG-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-AUG-2020  
 Logged In By: REYNOLDS\_T On: 04-SEP-2020

**Send Final Report To:**

2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Report Notification EMail: michael.eckles@dep.state.fl.us

Comments: Group A WBID1146Z 2 sites  
 Group B WBID 1176C 2 sites, 1256, & Dup  
 Group C WBID 1242  
 Group D WBID 1251  
 Group E Blank  
 No fedex labels

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

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| TURBIDITY                         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-BR-IC                           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                             |
| W-F                               | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L                | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI       | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ENT-24-QT                         | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                 |
| Bottle Type: P-500ML              | Number of Bottles: 2 | 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 Type: P-125ML              | Number of Bottles: 2 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

**Bottle Group B (Water) With 4 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML        | Number of Bottles: 4 | 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: 4 | 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: 4 | 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-BR-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                             |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| 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: 4 | 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: 4 | Preserved With: ICE                                                                                          |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                 |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| FCOLI-MF                    | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems                        |

**Bottle Group C (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    | (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 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                       |
| 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: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                      |                      |                                                                                                                                                |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template:            | (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                     |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

Beryllium  
Cadmium  
Chromium  
Copper  
Lead  
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 D (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    | (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 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| 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 E (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-BR-IC              | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                       |
| W-F                  | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-TSS                | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |
| 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                                    |

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

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

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