

# Login Checklist

RQ- **2020 - 08 - 10 - 62**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **08-14-2020 / 10:35**

| *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 |                    |
| 1.8C                |                 |                                        |          | 4                                     |               | X  |          |    | 4751 8779 8594     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 **X** No \_\_\_\_\_

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

Yes \_\_\_\_\_ No **X**

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA **X**

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

If Criminal, photographs taken?

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

Containers intact? Yes **X** No \_\_\_\_\_

Caps on tight?

Yes **X** No \_\_\_\_\_

Sufficient Sample Volume:

Yes **X** No \_\_\_\_\_

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

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

Yes **X** No \_\_\_\_\_ Init: **ABS**

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No **✓** Init: **ABS**

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

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

\*\*Acid Preserved Samples: pH< 2.0?

Yes **X** No \_\_\_\_\_ NA \_\_\_\_\_ Init: **ABS**

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA **X** Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS**

Date: **08-14-2020**

Event contains NCRs (Y/N)? **N**

Event ID:

**CEN-DIST - 2020 - 08 - 14 - 0 3**

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                          |
|--------------------------|--------------------------|
| Infrared Thermometer ID: | ITG #3 EXP:11-05-2020    |
| pH Test Strips 0 – 6     | 213316 BV EXP:05/15/2021 |
| pH Paper 0 – 3           | XXXXXXXXXX               |
| pH Paper 0 – 13          | 231019 EXP:NOV-01-2022   |
| Chlorine Test Strips     | 9080 / 2022 / 01         |

### ENCORE SAMPLES

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

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

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

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

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

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

**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:** 8/13/2020 12:54 **Collected By:** Elizabeth Bates, Terry Riordan  
**Customer:** CEN-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2020-08-10-62 **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                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------|
| Rose Bay @ 125m Ne Of Boat Ramp | <br>G5CE0073  |
| Rose Bay @ 200m E Of Boat Ramp  | <br>G5CE0098 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 08/13/2020 16

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected Date:

08-14-20  
10:35



RQ-2020-08-10-62

Customer: WQAP

Project ID: SMP

Collected By: Elizabeth Bates, Terry Riordan

Field Report Prepared By: Elizabeth Bates

Sampling Agency: FDEP

| Place Label Here                                                                                   |              |                                                                                                                                                                                                                                                           |           |            |            | Comments:                                                                               |                                         |                             |                       |                |
|----------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|-----------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-----------------------|----------------|
| WIN ID/Field ID:  |              |                                                                                                                                                                                                                                                           |           |            |            |                                                                                         |                                         |                             |                       |                |
| G5CE0073                                                                                           |              |                                                                                                                                                                                                                                                           |           |            |            |                                                                                         |                                         |                             |                       |                |
| Location: Rose Bay @ 125m Ne Of Boat Ramp                                                          |              |                                                                                                                                                                                                                                                           |           |            |            |                                                                                         |                                         |                             |                       |                |
| 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) |
| 8/13/2020                                                                                          | 12:48<br>EST | 4.43                                                                                                                                                                                                                                                      | 68.6      | 31.8       | 7.55       | 0.315                                                                                   | 0.5<br><input type="checkbox"/> VOB (S) | 1                           | 37311                 | 23.46          |
| Central Lab please use top row for login purposes                                                  |              |                                                                                                                                                                                                                                                           |           |            |            |                                                                                         |                                         |                             |                       |                |
|                                                                                                    | EST          |                                                                                                                                                                                                                                                           |           |            |            |                                                                                         |                                         |                             |                       |                |
| Parameter Suite                                                                                    |              | Parameter Methods                                                                                                                                                                                                                                         |           |            |            | Preservation                                                                            |                                         | pH Check                    | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)                                                                      |              | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                      |           |            |            | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4*                            |                                         | <input type="checkbox"/> <2 |                       |                |
|                                                                                                    |              | Lot #                                                                                                                                                                                                                                                     |           |            | Exp:       |                                                                                         |                                         |                             |                       |                |
| 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 type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                   |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
|                                                                                                    |              | Filter Lot #                                                                                                                                                                                                                                              |           |            |            |                                                                                         |                                         |                             |                       |                |
|                                                                                                    |              | Syringe Lot #                                                                                                                                                                                                                                             |           |            |            |                                                                                         |                                         |                             |                       |                |
| Chlorophyll (BP-1L)                                                                                |              | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                       |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| Physical/Aggregate (Fresh) (P-1L)                                                                  |              | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SDA-IC / W-TDS                                                                                                                                                        |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| Physical/Aggregate (Marine) (P-1L)                                                                 |              | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                   |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| 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 type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                                                           |           |            |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                             | 1                     | C              |
|                                                                                                    |              | <input type="checkbox"/> Contract Lab                                                                                                                                                                                                                     |           |            |            |                                                                                         |                                         |                             |                       |                |
| 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 checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                             |           |            |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                             | 1                     | C              |
| Pesticides (BG-500ML) (BG-1L)                                                                      |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-PSNP-1Q <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: Elizabeth Bates<br>Terry Riordan                                                             |              |                                                                                                                                                                                                                                                           |           |            | Signature: |                                                                                         |                                         |                             | Date:                 |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



RQ-2020-08-10-62

Customer: WQAP

Project ID: SMP

Collected By: Elizabeth Bates, Terry Riordan

Field Report Prepared By: Elizabeth Bates

Sampling Agency: FDEP

| Place Label Here                                                                                   |              |                                                                                                                                                                                                                                                           |           |            |      | Comments:                                                                               |                                         |                             |                       |                |  |
|----------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|-----------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-----------------------|----------------|--|
| WIN ID/Field ID:  |              |                                                                                                                                                                                                                                                           |           |            |      |                                                                                         |                                         |                             |                       |                |  |
| G5CE0098                                                                                           |              |                                                                                                                                                                                                                                                           |           |            |      |                                                                                         |                                         |                             |                       |                |  |
| Location: Rose Bay @ 200m E Of Boat Ramp                                                           |              |                                                                                                                                                                                                                                                           |           |            |      |                                                                                         |                                         |                             |                       |                |  |
| 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) |  |
| 8/13/2020                                                                                          | 12:54<br>EST | 4.3                                                                                                                                                                                                                                                       | 66.6      | 31.9       | 7.59 | 0.307                                                                                   | 0.5<br><input type="checkbox"/> VOB (S) | 0.6                         | 36853                 | 23.14          |  |
| Central Lab please use top row for login purposes                                                  |              |                                                                                                                                                                                                                                                           |           |            |      |                                                                                         |                                         |                             |                       |                |  |
|                                                                                                    | EST          |                                                                                                                                                                                                                                                           |           |            |      |                                                                                         |                                         |                             |                       |                |  |
| Parameter Suite                                                                                    |              | Parameter Methods                                                                                                                                                                                                                                         |           |            |      | Preservation                                                                            |                                         | pH Check                    | # Bottles sent to Lab | Bottle Group   |  |
| Preserved Nutrients (P-500ML)                                                                      |              | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4*                            |                                         | <input type="checkbox"/> <2 |                       |                |  |
|                                                                                                    |              | Lot #                                                                                                                                                                                                                                                     |           |            | Exp: |                                                                                         |                                         |                             |                       |                |  |
| 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 type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                   |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |  |
|                                                                                                    |              | Filter Lot #                                                                                                                                                                                                                                              |           |            |      |                                                                                         |                                         |                             |                       |                |  |
|                                                                                                    |              | Syringe Lot #                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                         |                             |                       |                |  |
| Chlorophyll (BP-1L)                                                                                |              | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                       |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |  |
| 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 type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                   |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |  |
| 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 type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                  |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                             | 1                     | C              |  |
| 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"/> Ice                                                            |                                         |                             |                       |                |  |
| Tracers (BG-500ML)                                                                                 |              | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                             |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                             | 1                     | C              |  |
| Pesticides (BG-500ML) (BG-1L)                                                                      |              | <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                                                            |                                         |                             |                       |                |  |
|                                                                                                    |              |                                                                                                                                                                                                                                                           |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |  |
| Name: Elizabeth Bates<br>Terry Riordan                                                             |              |                                                                                                                                                                                                                                                           |           | Signature: |      |                                                                                         |                                         |                             | Date:                 |                |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

Date of Request: 13-AUG-2020  
 Created By: BOMAN\_L On: 13-AUG-2020  
 Modified By: JASROTIA\_P On: 13-AUG-2020  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Turnbull/Strickland/Rose

**Send Coolers To:**

Phone: 407-897-4178  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Natalie Ayala  
 Cooler Ship EMail: natalie.ayala@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 13-AUG-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 13-AUG-2020  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 13-AUG-2020  
 Logged In By: SHAIK\_A On: 14-AUG-2020

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Kalina Warren  
 Report Notification EMail: natalie.ayala@dep.state.fl.us

Comments: Bottle Group A: Turnbull  
 Bottle Group B: Strickland  
 Bottle Group C: Rose

**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-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: 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                                                                                                                            |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                                                   |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                       | Template: S-METALS   | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Iron                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| 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                    |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |

**Bottle Group A (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 |

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: 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: S-METALS   | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

Iron  
Manganese  
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 |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------|

Aluminum  
Antimony  
Arsenic  
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 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: 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                                                                          |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems |

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

|                             |                      |                     |
|-----------------------------|----------------------|---------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | Preserved With: ICE |
|-----------------------------|----------------------|---------------------|

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

|                             |                      |                                                                                              |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------|
| 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: BG-500ML       | Number of Bottles: 2 | 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      |

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