

# Login Checklist

RQ- 2022-11-28-11

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/13/22 @ 0914

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| <u>1.3</u>          |                        |                                        |          | <u>8</u>                              |               |    |          |    | <u>52555498359</u> |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ FieldSheet(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: BAK/AR

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ☒ Init: BAK/AR

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

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

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

Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: BAK/AR

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: BAK/AR

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

Coolers Unpacked/Checked by: AR BAK

Date: 12/13/22

Event contains NCRs(Y/N)? N

EventID: Rest Area Run

NW-DIST-2022-12-13-01 (SMP)

Date Received: 13-DEC-2022 09:14

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/17/2023 |
| pH Test Strips 0 – 6     | Lot#223819AV   Exp:8/30/23    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#207621   Exp:3/15/24      |
| Chlorine Test Strips     | Lot#0070   Exp:2/23           |

### ENCORE SAMPLES

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 12/12/2022  
**Customer:** NW-DIST  
**RQ:** RQ-2022-11-28-11  
**Collected By:** Lauren McNally, C. Stopher Slade  
**Sampling Agency:** FDEP  
**Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL  
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

**Number of Coolers Shipped:** 1

**Delivery Method:** FedEx

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

| Site Location                         | Field ID/WIN ID                                                                                |
|---------------------------------------|------------------------------------------------------------------------------------------------|
| Beaver Pond Creek                     | <br>33010066 |
| Rest Area Run below Beaver Pond Creek | <br>G5NW0068 |

RELINQUISHED BY(SIGNATURE):

*L M McNally*

DATE/TIME: 12/12/2022

1600 CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *VR*

Rec'd/Inspected  
Date: 12-13-2022



|                  |                                                            |
|------------------|------------------------------------------------------------|
| RQ-2022-11-28-11 | Collected By: Lauren McNally, C. Stopher Slade             |
| Customer: FDEP   | Field Report Prepared by: Lauren McNally, C. Stopher Slade |
| Project ID: SMP  | Sampling Agency: FDEP                                      |

|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| WIN ID/Field ID: <br>WIN ID/Field ID: 33010066 | Comments: Microbiology sample(s) submitted to contract laboratory. |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|

|                             |
|-----------------------------|
| Location: Beaver Pond Creek |
|-----------------------------|

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Matrix: Fresh | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |
|---------------|-----------------------------------------------------------------------------------------|

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 12/12/2022 940      | 5.34      | 56.6      | 18.1     | 5.93 | 0.05             | 0.1          | 0.1             | 48.2                | 0.06           |

| Parameter Suite                    | Parameter Methods                 |                                                                              |                               |                                          |       |   | Preservation |        |           | pH Check  |    | # Bottles sent to Lab | Bottle Group |    |   |   |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------------|------------------------------------------|-------|---|--------------|--------|-----------|-----------|----|-----------------------|--------------|----|---|---|
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                               |                                          |       | X | Ice          | X      | H2SO4*    | X         | <2 | 1                     | A            |    |   |   |
|                                    | Lot #                             |                                                                              | 2145160                       |                                          | Exp:  |   | 6/2/23       |        |           |           |    |                       |              |    |   |   |
| Metals (P-500ML)                   | x                                 | W-ICPMS                                                                      |                               | X                                        | W-ICP |   | X            | W-HARD | X         | Ice       | X  | HNO3*                 | X            | <2 | 1 | A |
|                                    | Lot #                             |                                                                              | 1105100                       |                                          | Exp:  |   | 6/7/23       |        |           |           |    |                       |              |    |   |   |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                      |                               | Field Filtered 0.45 um Filter            |       |   |              | Ice    |           |           |    |                       |              |    |   |   |
|                                    | Filter Lot #                      |                                                                              | Syringe Lot #                 |                                          |       |   |              |        |           |           |    |                       |              |    |   |   |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                   |                               |                                          |       |   |              | Ice    |           |           |    |                       |              |    |   |   |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                   |                               |                                          |       |   | X            | Ice    |           |           |    |                       |              |    | 1 | A |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                               |                                          |       |   | X            | Ice    |           |           |    |                       |              |    | 1 | A |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                               |                                          |       |   |              | Ice    |           |           |    |                       |              |    |   |   |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                   |                               | Formalin Lot #                           |       |   | Formalin     |        |           |           |    |                       |              |    |   |   |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                     |                               |                                          |       |   |              | Ice    |           |           |    |                       |              |    |   |   |
| Microbiology (Contract Lab Bottle) | X                                 | E Coli                                                                       |                               | F Coli                                   |       |   | Enterococci  | X      | Ice       |           |    |                       |              | 1  | A |   |
|                                    | X                                 | Contract Lab                                                                 |                               |                                          |       |   |              |        |           |           |    |                       |              |    |   |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                    |                               | PCR-BacR                                 |       |   | PCR-DG3      |        | Ice       |           |    |                       |              |    |   |   |
|                                    |                                   | PCR-GULL2                                                                    |                               | PCR-GFD                                  |       |   |              |        |           |           |    |                       |              |    |   |   |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                   |                               | W-E8321-MS                               |       |   |              | Ice    |           |           |    |                       |              |    |   |   |
| Pesticides (8G-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   |                               | W-E8321-MS                               |       |   | W-PSNP-TQ    | Ice    | MCAA Exp. | MCAA Lot# |    |                       |              |    |   |   |
|                                    |                                   | W-PCL-TQ-R                                                                   |                               | W-CARB-AA (5 ml of MCAA Buffer Solution) |       |   | W-CT-CL-R    |        |           |           |    |                       |              |    |   |   |
|                                    |                                   | W-TR-SQ-R                                                                    |                               | W-PCB-TQ-R                               |       |   |              |        |           |           |    |                       |              |    |   |   |
| Phytoplankton                      |                                   | DTY-QN-C                                                                     |                               | PKD-QN-BV                                |       |   |              | Ice    |           |           |    |                       |              |    |   |   |
| DOC                                |                                   | W-DOC                                                                        | Field Filtered 0.45 um Filter |                                          |       |   | Ice          |        | H2SO 4*   |           | <2 |                       |              |    |   |   |
|                                    | Acid Preservative Expiration Date |                                                                              |                               |                                          |       |   |              |        |           |           |    |                       |              |    |   |   |
|                                    | Acid Preservative Lot Number      |                                                                              |                               |                                          |       |   |              |        |           |           |    |                       |              |    |   |   |



RQ-2022-11-28-11

Collected By: Lauren McNally, C. Stopher Slade

Customer: FDEP

Field Report Prepared by: Lauren McNally, C. Stopher Slade

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5NW0068

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Rest Area Run below Beaver Pond Creek

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{CEN}             | DO<br>(mg/L)                                                                   | DO<br>(%SAT) | Temp. °C                                    | pH   | Sample<br>Depth (m)           | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm)   | Salinity<br>(PPTH) |     |   |       |
|------------------------------------|--------------------------------------------------------------------------------|--------------|---------------------------------------------|------|-------------------------------|-----------------|-----------------------|--------------------------|--------------------|-----|---|-------|
| 12/12/2022<br>930                  | 8.02                                                                           | 85.2         | 18.5                                        | 5.79 | 0.14                          | 0.28            | 0.28                  | 49.1                     | 0.02               |     |   |       |
| Parameter Suite                    | Parameter Methods                                                              |              |                                             |      | Preservation                  |                 | pH Check              | # Bottles<br>sent to Lab | Bottle<br>Group    |     |   |       |
| Preserved Nutrients (P-500ML)      | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |              |                                             |      | X                             | Ice             | X                     | H2SO4*                   | X                  | <2  | 1 | A     |
|                                    | Lot #                                                                          |              | 2145160                                     |      | Exp:                          |                 | 6/2/23                |                          |                    |     |   |       |
| Metals (P-500ML)                   | X W-ICPMS                                                                      |              |                                             |      | X                             | W-ICP           | X                     | W-HARD                   | X                  | Ice | X | HNO3* |
|                                    | Lot #                                                                          |              | 1105100                                     |      | Exp:                          |                 | 6/7/23                |                          | X                  | <2  | 1 | A     |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                        |              |                                             |      | Field Filtered 0.45 um Filter |                 | Ice                   |                          |                    |     |   |       |
|                                    | Filter Lot #                                                                   |              | Syringe Lot #                               |      |                               |                 |                       |                          |                    |     |   |       |
| BOD (BP-1L)                        | OV-BODUNIN                                                                     |              |                                             |      | Ice                           |                 |                       |                          |                    |     |   |       |
| Chlorophyll (BP-1L)                | X CHLSUITE-W                                                                   |              |                                             |      | X                             |                 | Ice                   |                          |                    |     | 1 | A     |
| Physical/Aggregate (Fresh) (P-1L)  | X Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |              |                                             |      | X                             |                 | Ice                   |                          |                    |     | 1 | A     |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                           |              |                                             |      | Ice                           |                 |                       |                          |                    |     |   |       |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                     |              | Formalin Lot #                              |      | Formalin                      |                 |                       |                          |                    |     |   |       |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                       |              |                                             |      | Ice                           |                 |                       |                          |                    |     |   |       |
| Microbiology (Contract Lab Bottle) | X E Coli                                                                       |              |                                             |      | F Coli                        |                 | Enterococci           |                          | X                  | Ice |   |       |
|                                    | X Contract Lab                                                                 |              |                                             |      |                               |                 |                       |                          |                    |     | 1 | A     |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                      |              |                                             |      | PCR-BacR                      |                 | PCR-DG3               |                          |                    | Ice |   |       |
|                                    | PCR-GULL2                                                                      |              |                                             |      | PCR-GFD                       |                 |                       |                          |                    |     |   |       |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                     |              |                                             |      | W-E8321-MS                    |                 | Ice                   |                          |                    |     |   |       |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                     |              | W-E8321-MS                                  |      | W-PSNP-TQ                     |                 | MCAA<br>Exp.          |                          | MCAA<br>Lot#       |     |   |       |
|                                    | W-PCL-TQ-R                                                                     |              | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |      | W-CT-CL-R                     |                 | Ice                   |                          |                    |     |   |       |
|                                    | W-TR-SQ-R                                                                      |              | W-PCB-TQ-R                                  |      |                               |                 |                       |                          |                    |     |   |       |
| Phytoplankton                      | DTY-QN-C                                                                       |              | PKD-QN-BV                                   |      | Ice                           |                 |                       |                          |                    |     |   |       |
| DOC                                | W-DOC                                                                          |              | Field Filtered 0.45 um Filter               |      | Ice                           |                 | H2SO<br>4*            |                          |                    |     |   |       |
|                                    |                                                                                |              | Acid Preservative Expiration Date           |      |                               |                 |                       |                          | <2                 |     |   |       |
|                                    |                                                                                |              | Acid Preservative Lot Number                |      |                               |                 |                       |                          |                    |     |   |       |

## Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials :

**Method of transport:** on ice by hand

Page 1 of 1

Samples delivered by: S. S. Gade of FDEP

Date/Time: 12/12/22, 1130

Sample received by: John Doe of WRL

Date/Time: 12/22/22 1:1130

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments: Sample Container lot# L21347#

PO# C01214

RQ - 2022-11-28-11

Contact organization FDEP

Contact name

Phone:

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

Sampler's name:

<sup>1</sup>Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

<sup>2</sup>Type codes: G = grab, C = composite, X =

<sup>3</sup> Recorded using IRT-2

Date of Request: 17-OCT-2022  
 Created By: SLADE\_C On: 17-OCT-2022  
 Modified By: JASROTIA\_P On: 10-NOV-2022  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District NWROC  
 Event Description: Rest Area Run

**Send Coolers To:**

Phone: 850-595-0567  
 160 W Government Street  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Stopher Slade  
 Cooler Ship EMail: christopher.slade@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 09-NOV-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 10-NOV-2022  
 Sampling Kit Required: YES Ship on: 18-NOV-2022  
 Sampling Kit Shipped: YES On: 15-NOV-2022  
 Sampling Kit Packed By: KREUCH\_B  
 Preservatives Needed: NO  
 Date to Receive Samples: 28-NOV-2022  
 Logged In By:

**Send Final Report To:**

160 W Government Street  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Myranda Butler  
 Report Notification EMail:  
 michael.king@floridaDEP.gov;myranda.k.butler@floridaDEP.gov

**Comments:**

Group A: Nutrients Metals, Contract Lab Bacteria

Packing Notes: FedEx labels

**Bottle Group A (Water) With 3 Samples:**

|                          |                      |                                                                                                                                                |
|--------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L        | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| ALKALINITY               | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                     |
| TURBIDITY                | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC                  | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR                  | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |
| Color (true)             |                      |                                                                                                                                                |
| W-F                      | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-SO <sub>4</sub> -IC    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                    | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                                                    |
| W-TSS                    | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L       | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W               | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: TEST HAS NO | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| NW-UWF-ECQ               | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola                                                                          |
| Bottle Type: P-500ML     | Number of Bottles: 3 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-HARD                   | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                              |
| Hardness                 |                      |                                                                                                                                                |
| 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                |                      |                                                                                                                                                |
| Manganese                |                      |                                                                                                                                                |

**Bottle Group A (Water) With 3 Samples:**

|                      |                   |                                                                                                                                                |                               |
|----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-500ML |                   | Number of Bottles: 3                                                                                                                           | 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 |                               |
| Potassium            |                   |                                                                                                                                                |                               |
| Sodium               |                   |                                                                                                                                                |                               |
| Strontium            |                   |                                                                                                                                                |                               |
| Tin                  |                   |                                                                                                                                                |                               |
| Titanium             |                   |                                                                                                                                                |                               |
| Vanadium             |                   |                                                                                                                                                |                               |
| Zinc                 |                   |                                                                                                                                                |                               |
| W-ICPMS              | Template: DEFAULT | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                               |
| Aluminum             |                   |                                                                                                                                                |                               |
| Antimony             |                   |                                                                                                                                                |                               |
| Arsenic              |                   |                                                                                                                                                |                               |
| Barium               |                   |                                                                                                                                                |                               |
| Beryllium            |                   |                                                                                                                                                |                               |
| Boron                |                   |                                                                                                                                                |                               |
| Cadmium              |                   |                                                                                                                                                |                               |
| Chromium             |                   |                                                                                                                                                |                               |
| Cobalt               |                   |                                                                                                                                                |                               |
| Copper               |                   |                                                                                                                                                |                               |
| Lead                 |                   |                                                                                                                                                |                               |
| Manganese            |                   |                                                                                                                                                |                               |
| Molybdenum           |                   |                                                                                                                                                |                               |
| Nickel               |                   |                                                                                                                                                |                               |
| Selenium             |                   |                                                                                                                                                |                               |
| Silver               |                   |                                                                                                                                                |                               |
| Thallium             |                   |                                                                                                                                                |                               |
| Bottle Type: P-500ML |                   | Number of Bottles: 3                                                                                                                           | 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                                                                               |                               |