

RQ- 2019-06-10-21

## Log-in Checklist

Login Station ID: #4Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 06/13/19 @ 10:00

| Cooler Temperature* | Samples Frozen | * All Samples In Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------|
|                     |                |                                        |          |                                       | Present?      |    | *Intact? |    |                                     |
|                     | YES            | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                     |
| 2.2°C               |                |                                        |          | 15                                    |               | X  |          |    | 4751 8780 2237                      |
| 1.9°C               |                |                                        |          | 11                                    |               | X  |          |    | 4751 8780 4240                      |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\* HNO<sub>3</sub> and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

\*\*Chain of Custody/ Field Sheet(s) Included? Yes ✓ No       Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes        No X

**\*\*Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes        No X If yes, is it intact? Yes        No         
\*\*Caps on tight? Yes ✓ No        \*\*Containers intact? Yes ✓ No         
\*\*Sufficient Sample Volume: Yes ✓ No       

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ✓ No        Init: TR

Chlorine detected? (One container checked per Field ID)

Yes        No X Init: TR

If "YES", list affected Field IDs and Test IDs below.

| Field ID | List TestID(s) where Chlorine was Detected, an NCR is required. |
|----------|-----------------------------------------------------------------|
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No        NA        Init: TR\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes        No        NA X Init: TRCoolers Unpacked/Checked by: Tyler K.Date: 06/12/19NCRs (Y/N)? NEvent ID: LSJR Palatka  
NE-DIST-2019-06-13-01 (SMP)NCR #       Date Received: 13-JUN-2019 10:00

# Log-in Checklist

## Samples with Incorrect pH Preservation

| Field ID | Bottle Test ID(s) | pH | Action Taken |
|----------|-------------------|----|--------------|
|          |                   |    |              |
|          |                   |    |              |
|          |                   |    |              |

## Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |

## Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

## Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |

## Additional Comments:

|                            |                              |
|----------------------------|------------------------------|
| Infrared Thermometer ID:   | REC_04_2018   EXP:04/29/2020 |
| pH Test Strips 0 – 6 Lot # | 213316AV   EXP:05/15/2020    |
| pH Paper 0 – 3 Lot #       |                              |
| pH Paper 0 – 13 Lot #      | 215517   EXP: 06/01/2020     |
| Chlorine Test Strips Lot # | 8261   EXP: 07/30/2021       |

## ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ No X

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

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

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

## 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

## Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

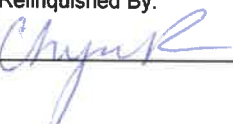
Field Report Prepared By: C. Ruben

Project ID: SMP

Collected By: C. Ruben J. Parrish

Sampling Agency: FDEP DEAR NE REC

|                                                                                                                                                                                                                                             |                                                                                                                |                                                                                                                                                                                                                                             |                                                                                                                |                                                                                                                                                                                                                                             |                                                                                                                |                                                                                                                                                                                                                                             |                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Location                                                                                                                                                                                                                                    | WIN ID/Field ID: <br>G2NE1194 | Location                                                                                                                                                                                                                                    | WIN ID/Field ID: <br>G2NE1187 | Location                                                                                                                                                                                                                                    | WIN ID/Field ID: <br>20030577 | Location                                                                                                                                                                                                                                    | WIN ID/Field ID: <br>20030557 |
| Field                                                                                                                                                                                                                                       | Bull Creek Ditch 1 mile Upstream of Dead Lake                                                                  | Field                                                                                                                                                                                                                                       | Dunns Creek 0.4miles upstream of US-17                                                                         | Field                                                                                                                                                                                                                                       | MILL BR. @ OLD SAN MATEO RD.                                                                                   | Field                                                                                                                                                                                                                                       | MOCCASSIN BRANCH AT WINFORD MASTERS RD                                                                           |
| WIN                                                                                                                                                                                                                                         |                                                                                                                | WIN                                                                                                                                                                                                                                         |                                                                                                                | WIN                                                                                                                                                                                                                                         |                                                                                                                | WIN                                                                                                                                                                                                                                         |                                                                                                                  |
| Latitude                                                                                                                                                                                                                                    | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                       | Latitude                                                                                                                                                                                                                                    | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                       | Latitude                                                                                                                                                                                                                                    | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                       | Latitude                                                                                                                                                                                                                                    | <input type="checkbox"/> dd <input type="checkbox"/> dms                                                         |
| <input type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab) Date 6/12/19 Time 0930<br>Matrix (type, e.g., Salt, Fresh, etc) Fresh<br>Temp (C) 27.3 pH 6.96<br>Salinity (ppt) 0.93<br>Comments |                                                                                                                | <input type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab) Date 6/12/19 Time 1135<br>Matrix (type, e.g., Salt, Fresh, etc) Fresh<br>Temp (C) 29.2 pH 7.56<br>Salinity (ppt) 0.36<br>Comments |                                                                                                                | <input type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab) Date 6/12/19 Time 1155<br>Matrix (type, e.g., Salt, Fresh, etc) Fresh<br>Temp (C) 25.5 pH 6.96<br>Salinity (ppt) 6.72<br>Comments |                                                                                                                | <input type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab) Date 6/12/19 Time 1225<br>Matrix (type, e.g., Salt, Fresh, etc) Fresh<br>Temp (C) 24.7 pH 7.03<br>Salinity (ppt) 0.48<br>Comments |                                                                                                                  |
| Eastern Central<br>Composite end Date — Time —<br>Diss. Oxygen 3.25 mg/L<br>Total Res. Chlorine (mg/L) —<br>Sample Depth 0.3 ft<br>Sp. Conductance (umho/cm) 1829                                                                           |                                                                                                                | Eastern Central<br>Composite end Date — Time —<br>Diss. Oxygen 4.34 mg/L<br>Total Res. Chlorine (mg/L) —<br>Sample Depth 0.3 ft<br>Sp. Conductance (umho/cm) 751                                                                            |                                                                                                                | Eastern Central<br>Composite end Date — Time —<br>Diss. Oxygen 5.66 mg/L<br>Total Res. Chlorine (mg/L) —<br>Sample Depth 0.15 ft<br>Sp. Conductance (umho/cm) 1441                                                                          |                                                                                                                | Eastern Central<br>Composite end Date — Time —<br>Diss. Oxygen 4.8 mg/L<br>Total Res. Chlorine (mg/L) —<br>Sample Depth 0.3 ft<br>Sp. Conductance (umho/cm) 972                                                                             |                                                                                                                  |
| Bottle Group(s) (See pg 2) B                                                                                                                                                                                                                |                                                                                                                | Bottle Group(s) A                                                                                                                                                                                                                           |                                                                                                                | Bottle Group(s) A                                                                                                                                                                                                                           |                                                                                                                | Bottle Group(s) A                                                                                                                                                                                                                           |                                                                                                                  |

|                                                                                                     |                         |                        |                                |                                                                                                    |                             |
|-----------------------------------------------------------------------------------------------------|-------------------------|------------------------|--------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------|
| Relinquished By:  | Date/Time: 6/12/19 1345 | Shipping Method: FedEx | Number of Coolers Shipped: 2-3 | Received By:  | Date/Time: 06/13/19 @ 10:00 |
|-----------------------------------------------------------------------------------------------------|-------------------------|------------------------|--------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------|

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 3 |
|          | W-ICP        |         |                 |               |               |                                     |   |
|          | W-ICPMS      |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3 |
|          | W-NH3        |         |                 |               |               |                                     |   |
|          | W-NO2NO3     |         |                 |               |               |                                     |   |
|          | W-S-A-TP     |         |                 |               |               |                                     |   |
|          | W-TKN        |         |                 |               |               |                                     |   |
|          | W-TOC        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3 |
|          | W-PO4-F      |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BP-1L   | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |

|          |                                                                 |          |                 |                             |                                              |
|----------|-----------------------------------------------------------------|----------|-----------------|-----------------------------|----------------------------------------------|
| Group: B | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                        | BG-500ML | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                | P-500ML  | # of Bottles: 1 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | P-500ML  | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: B | Bottle Type:<br>W-PO4-F                                         | P-125ML  | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: B | Bottle Type:<br>W-PSNP-TQ                                       | BG-1L    | # of Bottles: 4 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>4</u> |

Date of Request: 03-MAY-2019  
 Created By: PARRISH\_J On: 03-MAY-2019  
 Modified By: JASROTIA\_P On: 04-JUN-2019  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: LSJR Palatka

**Send Coolers To:**

Phone: 904-807-3300  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

Program Module Number:

Priority: 3

Event Status: A

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS\_J On: 03-JUN-2019

Biology Request Reviewed By: JASROTIA\_P On: 04-JUN-2019

Sampling Kit Required: NO Ship on:

Sampling Kit Shipped: YES On: 28-MAY-2019

Sampling Kit Packed By: REYNOLDS\_T

Preservatives Needed: NO

Date to Receive Samples: 10-JUN-2019

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A:(Surf-Fresh) Nutrients, Metals,  
 Group B:(Surf-fresh) Nutrients, Metals, SCKit

Packing Notes:  
 None

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                       |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR               | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                      |
| Color (true)          |                      |                                                                                                                                                |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-97) 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-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-97) 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: P-500ML  | Number of Bottles: 3 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                |                      |                                                                                                                                                |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | 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 |

\*Boron  
Aluminum  
Antimony  
Arsenic  
Cadmium  
Chromium  
Copper  
Lead  
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-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 3 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                                                  |
| W-NH3                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| W-NO2NO3              | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |
| W-S-A-TP              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |
| W-TKN                 | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |
| W-TOC                 | Template: DEFAULT    | (SM 5310 B-00) 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: BG-1L    | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| W-PSNP-TQ             | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                                                             |
| Bottle Type: P-1L     | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                    |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR               | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                      |
| Color (true)          |                      |                                                                                                                                                |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                           |
| W-SO4-IC              | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                 | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-97) 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: 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:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

Barium  
Calcium  
Iron  
Magnesium  
Potassium  
Sodium

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

Bottle Type: P-500ML

Number of Bottles: 1

Preserved With: HNO3

W-ICP

Template:

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

Zinc

W-ICPMS

Template:

(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

\*Boron

Aluminum

Antimony

Arsenic

Cadmium

Chromium

Copper

Lead

Nickel

Selenium

Silver

Thallium

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

