

# Log-in Checklist

RQ- 2018-11-26-56

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11-26-18 @13:46

| Cooler Temperature* | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |        |          |    | Tracking # (fill out only if waybill copy is damaged) |
|---------------------|----------------------------------------|----------|---------------------------------------|---------------|--------|----------|----|-------------------------------------------------------|
|                     |                                        |          |                                       | Present?      |        | *Intact? |    |                                                       |
|                     | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No     | Yes      | No |                                                       |
| 0.6<br>0.6          |                                        |          | 21<br>16                              |               | ✓<br>✓ |          |    |                                                       |
|                     |                                        |          |                                       |               |        |          |    |                                                       |
|                     |                                        |          |                                       |               |        |          |    |                                                       |
|                     |                                        |          |                                       |               |        |          |    |                                                       |
|                     |                                        |          |                                       |               |        |          |    |                                                       |

\* 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), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

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

\*\*Chain of Custody/ Field Sheet(s) Included? Yes ✓ No       

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes        No ✓ Date 11-26-18

## CONTAINER CHECK

**\*\*Evidence Tape on Bottles?** Yes        No ✓ 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: K/H

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |          |            |     |          |
|------------------------------------------------------------------------------------------------------|-----|----------|------------|-----|----------|
| Analysis                                                                                             | Yes | No       | Analysis   | Yes | No       |
| W-1,4 DIOX                                                                                           |     |          | W-PC-AA-SF |     |          |
| W-E8321-DI, -MS, -21                                                                                 |     | <u>✓</u> | W-NP-AA-SF |     |          |
| W-BNA (-625, -R)                                                                                     |     |          | W-PDQUAT   |     |          |
| W-CARB-AA (-CAB-AA-R)                                                                                |     | <u>✓</u> | W-PCL-SQ-R |     | <u>✓</u> |
| W-U2060-MS                                                                                           |     |          | W-TR-TQ    |     |          |
| W-PCB-R                                                                                              |     |          | W-CT-CI-R  |     | <u>✓</u> |
| W-PAH (-R)                                                                                           |     |          | W-PSNP-TQ  |     | <u>✓</u> |

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

**\*\*Acid Preserved Samples:** pH ≤ 2.0? Yes ✓ No        NA        Init: K/H

**\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes        No        NA ✓ Init: K/H

Coolers Unpacked/Checked by: K/H Date: 11-26-18 NCRs (Y/N)? N

Event ID: G2 Run 5  
TLH-ROC-2018-11-26-01 (SMP)  
 Date Received: 26-NOV-2018 13:46

NCR #

# Log-in Checklist

## Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | 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_05_2018          |
| pH Paper 0.0 – 3.0 Lot #   |                      |
| pH Paper 0 – 13 Lot #      | 222516EXP:09/15/2019 |
| Chlorine Test Strips Lot # | 091417V EXP:09/2021  |

## ENCORE SAMPLES

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

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

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: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: J. Burtchett

Project ID: SMP

Collected By: P. Blair, J. Burtchett

Sampling Agency: 8034

|           |                                    |                                                                           |                                                             |                                                            |                     |                                                                                 |          |                                                                            |                              |                                                                      |   |
|-----------|------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------|---|
| Location  |                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                             | Collection (comp begin or grab)<br>Date 11/26/18 Time 035  |                     | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |          | Composite end<br>Date - Time                                               |                              | Bottle Group(s)<br>(See pg 2)                                        |   |
| Field ID  | Field/WIN ID →                     |                                                                           |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh             |                     | Diss. Oxygen<br>9.01                                                            |          | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                              | Total Res. Chlorine<br>(mg/L)                                        |   |
| WIN/ST    | Location ↓                         | G2TLHR0031                                                                |                                                             | Temp (C) 17.2                                              |                     | pH 6.80                                                                         |          | Sample Depth 0.3                                                           |                              | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |   |
| Latitude  | Unnamed Branch @ Flat Creek Rd     |                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |                                                            | Salinity (ppt) 0.02 |                                                                                 | Comments |                                                                            | Sp. Conductance (umho/cm) 43 |                                                                      | D |
| Location  |                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                             | Collection (comp begin or grab)<br>Date 11/26/18 Time 1120 |                     | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |          | Composite end<br>Date - Time                                               |                              | Bottle Group(s)                                                      |   |
| Field ID  | Field/WIN ID →                     |                                                                           |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh             |                     | Diss. Oxygen<br>8.56                                                            |          | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                              | Total Res. Chlorine<br>(mg/L)                                        |   |
| WIN/STO   | Location ↓                         | G2TLHR0015                                                                |                                                             | Temp (C) 16.7                                              |                     | pH 6.71                                                                         |          | Sample Depth 0.3                                                           |                              | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |   |
| Latitude  | MOSQUITO CREEK @ SR269             |                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |                                                            | Salinity (ppt) 0.02 |                                                                                 | Comments |                                                                            | Sp. Conductance (umho/cm) 51 |                                                                      | C |
| Location  |                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                             | Collection (comp begin or grab)<br>Date 11/26/18 Time 1150 |                     | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |          | Composite end<br>Date - Time                                               |                              | Bottle Group(s)                                                      |   |
| Field ID  | Field/WIN ID →                     |                                                                           |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh             |                     | Diss. Oxygen<br>8.84                                                            |          | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                              | Total Res. Chlorine<br>(mg/L)                                        |   |
| WIN/STORE | Location ↓                         | G2TLHR0092                                                                |                                                             | Temp (C) 16.4                                              |                     | pH 6.85                                                                         |          | Sample Depth 0.3                                                           |                              | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |   |
| Latitude  | Mosquito Creek @ Jinks Crossing Rd |                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |                                                            | Salinity (ppt) 0.03 |                                                                                 | Comments |                                                                            | Sp. Conductance (umho/cm) 62 |                                                                      | C |
| Location  |                                    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |                                                             | Collection (comp begin or grab)<br>Date 11/26/18 Time 1215 |                     | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |          | Composite end<br>Date - Time                                               |                              | Bottle Group(s)                                                      |   |
| Field ID  | Field/WIN ID →                     |                                                                           |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh             |                     | Diss. Oxygen<br>8.37                                                            |          | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                              | Total Res. Chlorine<br>(mg/L)                                        |   |
| WIN/STOR  | Location ↓                         | G2TLHR0039                                                                |                                                             | Temp (C) 17.2                                              |                     | pH 6.35                                                                         |          | Sample Depth 0.3                                                           |                              | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |   |
| Latitude  | South Mosquito Creek @ Power Line  |                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |                                                            | Salinity (ppt) 0.01 |                                                                                 | Comments |                                                                            | Sp. Conductance (umho/cm) 31 |                                                                      | A |

|                         |                         |                    |                              |                          |                         |
|-------------------------|-------------------------|--------------------|------------------------------|--------------------------|-------------------------|
| Relinquished By: JB, PB | Date/Time 11/26/18 1345 | Shipping Method HD | Number of Coolers Shipped: 2 | Received By: [Signature] | Date/Time 11/26/18 1346 |
|-------------------------|-------------------------|--------------------|------------------------------|--------------------------|-------------------------|

|          |              |                |                 |               |               |                                     |   |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 3 | 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: A | Bottle Type: | BP-1L          | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ECOLI-18QT   |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |
|          | W-NH3        |                |                 |               | SA-8274050    |                                     |   |
|          | W-NO2NO3     |                |                 |               | exp. 10/1/19  |                                     |   |
|          | 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 | 1 |
|          | W-PO4-F      |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | 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 |   |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |   |

|          |              |                |                 |                             |                                                    |
|----------|--------------|----------------|-----------------|-----------------------------|----------------------------------------------------|
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab                |
|          | W-NH3        |                |                 |                             |                                                    |
|          | W-NO2NO3     |                |                 |                             |                                                    |
|          | W-S-A-TP     |                |                 |                             |                                                    |
|          | W-TKN        |                |                 |                             |                                                    |
|          | W-TOC        |                |                 |                             |                                                    |
| Group: B | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab                |
|          | W-PO4-F      |                |                 |                             |                                                    |
| Group: C | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <del>1</del> 2 |
|          | ALKALINITY   |                |                 |                             |                                                    |
|          | TURBIDITY    |                |                 |                             |                                                    |
|          | W-CL-IC      |                |                 |                             |                                                    |
|          | W-COLOR      |                |                 |                             |                                                    |
|          | W-F          |                |                 |                             |                                                    |
|          | W-SO4-IC     |                |                 |                             |                                                    |
|          | W-TDS        |                |                 |                             |                                                    |
|          | W-TSS        |                |                 |                             |                                                    |
| Group: C | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <del>1</del> 2 |
|          | CHLSUITE-W   |                |                 |                             |                                                    |
| Group: C | Bottle Type: | P-250ML-WO-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <del>1</del> 2 |
|          | ECOLI-18QT   |                |                 |                             |                                                    |
| Group: C | Bottle Type: | QPCR-P-500ML   | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <del>1</del> 2 |
|          | PCR-FILTER   |                |                 |                             |                                                    |
| Group: C | Bottle Type: | BG-500ML       | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <del>1</del> 2 |
|          | W-E8321-DI   |                |                 |                             |                                                    |
|          | W-E8321-MS   |                |                 |                             |                                                    |
| Group: C | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: HNO3          | Enter Number of Bottles Sent to Lab <del>1</del> 2 |
|          | W-ICP        |                |                 | NA8197060                   |                                                    |
|          | W-ICPMS      |                |                 | exp. 7/16/19                |                                                    |
| Group: C | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <del>1</del> 2 |
|          | W-NH3        |                |                 | SA8274050                   |                                                    |
|          | W-NO2NO3     |                |                 | exp. 10/1/19                |                                                    |
|          | W-S-A-TP     |                |                 |                             |                                                    |

|          |                                                                                                    |                |                 |                                                          |                                              |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|----------------------------------------------------------|----------------------------------------------|
| Group: C | Bottle Type:<br>W-TKN<br>W-TOC                                                                     | P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4                              | Enter Number of Bottles Sent to Lab <u>2</u> |
| Group: C | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE                                 | Enter Number of Bottles Sent to Lab <u>2</u> |
| Group: D | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative: ICE                                        | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: D | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: ICE                                        | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: D | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 1 | Preservative: ICE                                        | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: D | Bottle Type:<br>W-CARB-AA                                                                          | BG-500ML       | # of Bottles: 1 | Preservative: CH2CICOOH<br>Pre-Preserved                 | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: D | Bottle Type:<br>W-CT-CI-R<br>W-PCL-SQ-R                                                            | BG-500ML       | # of Bottles: 4 | Preservative: ICE                                        | Enter Number of Bottles Sent to Lab <u>4</u> |
| Group: D | 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: D | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1 | Preservative: HNO3<br>NAG172060<br>exp 7/16/18           | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: D | Bottle Type:<br>W-NH3<br>W-NO2NO3                                                                  | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4<br>SA8274050<br>exp. 10/1/19 | Enter Number of Bottles Sent to Lab <u>1</u> |

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|          |              |         |                 |                             |                                     |          |
|----------|--------------|---------|-----------------|-----------------------------|-------------------------------------|----------|
| Group: D | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>1</u> |
|----------|--------------|---------|-----------------|-----------------------------|-------------------------------------|----------|

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W-S-A-TP

W-TKN

W-TOC

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|          |              |         |                 |                          |                                     |          |
|----------|--------------|---------|-----------------|--------------------------|-------------------------------------|----------|
| Group: D | Bottle Type: | P-125ML | # of Bottles: 1 | Preservative: FILTER-ICE | Enter Number of Bottles Sent to Lab | <u>1</u> |
|----------|--------------|---------|-----------------|--------------------------|-------------------------------------|----------|

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W-PO4-F

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|          |              |       |                 |                   |                                     |          |
|----------|--------------|-------|-----------------|-------------------|-------------------------------------|----------|
| Group: D | Bottle Type: | BG-1L | # of Bottles: 4 | Preservative: ICE | Enter Number of Bottles Sent to Lab | <u>4</u> |
|----------|--------------|-------|-----------------|-------------------|-------------------------------------|----------|

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W-PSNP-TQ

Date of Request: 13-NOV-2018  
 Created By: ECKLES\_M On: 13-NOV-2018  
 Modified By: JASROTIA\_P On: 14-NOV-2018  
 Customer: TLH-ROC  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Not Applicable  
 Sampling Event: G2 Run 5

**Send Coolers To:**

Phone: 850-245-7586  
 2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles

**Send Final Report To:**

2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles

Program Module Number: 0100  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 13-NOV-2018  
 Biology Request Reviewed By: JASROTIA\_P On: 14-NOV-2018  
 Sampling Kit Required: YES Ship on: 21-NOV-2018  
 Sampling Kit Shipped: YES On: 20-NOV-2018  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 26-NOV-2018  
 Received By:

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

Comments: Group A freshwater nutrients with bacteria  
 WBIDs 393, 464, 488  
  
 Group B freshwater nutrients  
 WBID 60  
  
 Group C Freshwater nutrients with metals B/T/M  
 WBID 376A 2 sites  
  
 Group D Freshwater nutrients with metals, bacteria and pesticides  
 WBID 477  
  
 No fedex labels  
  
 Added EXTRA Tracer bottle for Lab QC (1) to D

**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 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: 3 | 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: 3 | Preserved With: ICE                                                                                          |

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

|                             |                      |                                                                                                          |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 3 | Preserved With: ICE                                                                                      |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |
| Bottle Type: P-500ML        | Number of Bottles: 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-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: 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 Group C (Water) With 2 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 2 | 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: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| PCR-FILTER                  | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| W-E8321-DI                  | Template:            | (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: 2 | Preserved With: HNO3                                                                                         |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | 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 |
| Calcium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic              |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | 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: 2 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-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: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                       |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: CH2ClCOOH Pre-Preserved                                                                                                        |
| W-CARB-AA                   | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                                                         |
| Bottle Type: BG-500ML       | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| W-CT-CI-R                   | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization                                              |
| W-PCL-SQ-R                  | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM                                                                           |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |

**Bottle Group D (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 |                               |
| Sodium               |                   |                                                                                                                                                |                               |
| Zinc                 |                   |                                                                                                                                                |                               |
| W-ICPMS              | Template: PRTY    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                               |
| Arsenic              |                   |                                                                                                                                                |                               |
| Cadmium              |                   |                                                                                                                                                |                               |
| Chromium             |                   |                                                                                                                                                |                               |
| Copper               |                   |                                                                                                                                                |                               |
| Lead                 |                   |                                                                                                                                                |                               |
| Nickel               |                   |                                                                                                                                                |                               |
| Silver               |                   |                                                                                                                                                |                               |
| 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 8270D) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                                                             |                               |

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