



# 

### 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 #       | N/A                          |
| 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

Lk Kathryn + LVI

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Project ID: SMP

Collected By: Mike Linger / Mike Drennon

Sampling Agency: FDEP CE. ROC

|                                                                         |  |                                                                           |  |                                                                               |  |                                                                            |  |                                                                      |  |                                       |  |
|-------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|---------------------------------------|--|
| Location                                                                |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 10/8/19 Time 1158                     |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time                                           |  | Bottle Group(s)<br>(See pg 2)         |  |
| Field ID<br>WIN ID / Field ID →<br>Lake Kathryn @ Center                |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen<br>7.03                                                          |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)                                        |  | A                                     |  |
| WIN/                                                                    |  | Temp (C)<br>28.6                                                          |  | pH<br>7.56                                                                    |  | Sample Depth<br>0.3                                                        |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  | Sp. Conductance<br>(umho/cm)<br>154.8 |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  |  | Salinity (ppt)<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Comments                                                                   |  |                                                                      |  |                                       |  |

|                                                                         |  |                                                                          |  |                                                                               |  |                                                                 |  |                                                           |  |                              |  |
|-------------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|-----------------------------------------------------------------|--|-----------------------------------------------------------|--|------------------------------|--|
| Location                                                                |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab           |  | Collection (comp begin or grab)<br>Date Time                                  |  | Eastern<br>Central                                              |  | Composite end<br>Date Time                                |  | Bottle Group(s)              |  |
| Field ID                                                                |  | Matrix (type, e.g., Salt, Fresh, etc)                                    |  | Diss. Oxygen                                                                  |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)                             |  |                              |  |
| WIN/STORET #                                                            |  | Temp (C)                                                                 |  | pH                                                                            |  | Sample Depth                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m |  | Sp. Conductance<br>(umho/cm) |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Salinity (ppt)<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Comments                                                        |  |                                                           |  |                              |  |

|                                                                         |  |                                                                          |  |                                                                               |  |                                                                 |  |                                                           |  |                              |  |
|-------------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|-----------------------------------------------------------------|--|-----------------------------------------------------------|--|------------------------------|--|
| Location                                                                |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab           |  | Collection (comp begin or grab)<br>Date Time                                  |  | Eastern<br>Central                                              |  | Composite end<br>Date Time                                |  | Bottle Group(s)              |  |
| Field ID                                                                |  | Matrix (type, e.g., Salt, Fresh, etc)                                    |  | Diss. Oxygen                                                                  |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)                             |  |                              |  |
| WIN/STORET #                                                            |  | Temp (C)                                                                 |  | pH                                                                            |  | Sample Depth                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m |  | Sp. Conductance<br>(umho/cm) |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Salinity (ppt)<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Comments                                                        |  |                                                           |  |                              |  |

|                                                                         |  |                                                                          |  |                                                                               |  |                                                                 |  |                                                           |  |                              |  |
|-------------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|-----------------------------------------------------------------|--|-----------------------------------------------------------|--|------------------------------|--|
| Location                                                                |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab           |  | Collection (comp begin or grab)<br>Date Time                                  |  | Eastern<br>Central                                              |  | Composite end<br>Date Time                                |  | Bottle Group(s)              |  |
| Field ID                                                                |  | Matrix (type, e.g., Salt, Fresh, etc)                                    |  | Diss. Oxygen                                                                  |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)                             |  |                              |  |
| WIN/STORET #                                                            |  | Temp (C)                                                                 |  | pH                                                                            |  | Sample Depth                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m |  | Sp. Conductance<br>(umho/cm) |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Salinity (ppt)<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Comments                                                        |  |                                                           |  |                              |  |

|                         |                           |                          |                                 |                               |                               |
|-------------------------|---------------------------|--------------------------|---------------------------------|-------------------------------|-------------------------------|
| Relinquished By:<br>MKL | Date/Time<br>10/8/19 1600 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>1 | Received By:<br>Jylu Reynolds | Date/Time<br>10/09/19 @ 10:10 |
|-------------------------|---------------------------|--------------------------|---------------------------------|-------------------------------|-------------------------------|

|          |              |         |                 |               |                 |                                     |   |
|----------|--------------|---------|-----------------|---------------|-----------------|-------------------------------------|---|
| Group: A | 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: A | Bottle Type: | BP-1L   | # of Bottles: 1 | Preservative: | ICE             | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W   |         |                 |               |                 |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: | ICE And H2SO4   | Enter Number of Bottles Sent to Lab | 1 |
|          | W-NH3        |         |                 |               |                 |                                     |   |
|          | W-NO2NO3     |         |                 |               |                 |                                     |   |
|          | W-S-A-TP     |         |                 |               |                 |                                     |   |
|          | W-TKN        |         |                 |               |                 |                                     |   |
|          | W-TOC        |         |                 |               |                 |                                     |   |
|          |              |         |                 |               | H2SO4-Recertif  |                                     |   |
|          |              |         |                 |               | LOT# SA7163030  |                                     |   |
|          |              |         |                 |               | EXP: 10/30/2019 |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 1 | Preservative: | FILTER-ICE      | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PO4-F      |         |                 |               |                 |                                     |   |

Date of Request: 22-AUG-2019  
 Created By: LINGER\_M On: 22-AUG-2019  
 Modified By: JASROTIA\_P On: 23-AUG-2019  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Sampling Event: Lk Kathryn + LVI

**Send Coolers To:**

Phone: 407-894-4180  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Mike Linger

Program Module Number: 1306  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 23-AUG-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 23-AUG-2019  
 Sampling Kit Required: YES Ship on: 30-AUG-2019  
 Sampling Kit Shipped: YES On: 28-AUG-2019  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: YES  
 Date to Receive Samples: 09-SEP-2019  
 Received By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Mike Linger

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

**Comments:**

5 - case of sulfuric acid vials  
 send recertified H2SO4 Acid. Lot# SA7163030.  
 10 - sets of sulfuric acid labels  
 send recertified H2SO4 Acid labels

**Bottle Group A (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                     |

