

RQ-2019-04-29-45

## Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 05/09/2019 @ 10:10

| Cooler Temperature* | Samples Frozen | * All Samples in Cooler Preserved with |                  | Number of Sample Containers in Cooler | Evidence Tape |          |     |          | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|------------------|---------------------------------------|---------------|----------|-----|----------|-------------------------------------|
|                     |                | YES                                    | HNO <sub>3</sub> |                                       | Formalin      | Present? |     | *Intact? |                                     |
|                     |                |                                        |                  |                                       | Yes           | No       | Yes | No       |                                     |
| 0.3°C               |                |                                        |                  | 8                                     |               | X        |     |          | 4751 8778 9350                      |
|                     |                |                                        |                  |                                       |               |          |     |          |                                     |
|                     |                |                                        |                  |                                       |               |          |     |          |                                     |
|                     |                |                                        |                  |                                       |               |          |     |          |                                     |
|                     |                |                                        |                  |                                       |               |          |     |          |                                     |
|                     |                |                                        |                  |                                       |               |          |     |          |                                     |
|                     |                |                                        |                  |                                       |               |          |     |          |                                     |

\* 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 X Init: TK

Chlorine detected? (One container checked per Field ID) Yes        No        Init:       

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: TK

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 05/09/2019 NCRs (Y/N)? N

Event: Lk Van / Bass / Panther X3  
CEN-DIST-2019-05-09-01 (SMP) NCR #       

Date Received: 09-MAY-2019 10:10

Page 1 Federal Express REF-4-1-1

## 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:

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Infrared Thermometer ID:</b>   | REC_04_2018   EXP:04/29/2020 |
| <b>pH Test Strips 0 – 6 Lot #</b> | 213316AV   EXP:05/15/2020    |
| <b>pH Paper 0 – 3 Lot #</b>       |                              |
| <b>pH Paper 0 – 13 Lot #</b>      | 215517   EXP: 06/01/2020     |
| <b>Chlorine Test Strips Lot #</b> | 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   X      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: \_\_\_\_\_

Lk Van / Bass / Panther X3

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

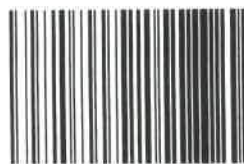
Field Report Prepared By:

Project ID: SMP

Collected By: Mike Linger / Lawrence Drannan

Sampling Agency:

Mike Linger  
FDEP CE-ROC

|                                                                         |  |                                                                                               |  |                                                                                 |                                                          |                                                                            |                                       |                               |
|-------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| Location<br><b>WIN ID / Field ID →</b><br>Lake Griffin @ Center         |  | <br>G2CE0207 |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab       | Collection (comp begin or grab)<br>Date 5/8/19 Time 1042 | Eastern<br>Central                                                         | Composite end<br>Date Time            | Bottle Group(s)<br>(See pg 2) |
| Field                                                                   |  | Matrix (type, e.g., Salt, Fresh, etc)                                                         |  | Diss. Oxygen<br>8.74                                                            |                                                          | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)         | A                             |
| WIN/                                                                    |  | Temp (C)<br>28.1                                                                              |  | pH<br>8.48                                                                      |                                                          | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>178.3 |                               |
| 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<br><b>WIN ID / Field ID →</b><br>Lake Bass @ center of lake    |  | <br>G4CE0147 |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab       | Collection (comp begin or grab)<br>Date 5/8/19 Time 1146 | Eastern<br>Central                                                         | Composite end<br>Date Time            | Bottle Group(s)               |
| Field                                                                   |  | Matrix (type, e.g., Salt, Fresh, etc)                                                         |  | Diss. Oxygen<br>8.28                                                            |                                                          | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)         | A                             |
| WIN/                                                                    |  | Temp (C)<br>28.2                                                                              |  | pH<br>7.62                                                                      |                                                          | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>213.8 |                               |
| 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<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                                          | Total Res. Chlorine<br>(mg/L)                                              |                                       |                               |
| WIN/STORET #                                                            |  | Temp (C)                                                                                      |  | pH                                                                              |                                                          | Sample Depth<br><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<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                                          | Total Res. Chlorine<br>(mg/L)                                              |                                       |                               |
| WIN/STORET #                                                            |  | Temp (C)                                                                                      |  | pH                                                                              |                                                          | Sample Depth<br><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:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

MKL

5/8/19

1600

FedEx

1

Tyler R.

05/09/19 @ 10:10

|          |              |         |                 |                             |     |                                     |   |
|----------|--------------|---------|-----------------|-----------------------------|-----|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 5 | Preservative:               | ICE | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |         |                 |                             |     |                                     |   |
|          | TURBIDITY    |         |                 |                             |     |                                     |   |
|          | W-CL-IC      |         |                 |                             |     |                                     |   |
|          | W-COLOR      |         |                 |                             |     |                                     |   |
|          | W-F          |         |                 |                             |     |                                     |   |
|          | W-SO4-IC     |         |                 |                             |     |                                     |   |
|          | W-TDS        |         |                 |                             |     |                                     |   |
|          | W-TSS        |         |                 |                             |     |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 5 | Preservative:               | ICE | Enter Number of Bottles Sent to Lab | 2 |
|          | CHLSUITE-W   |         |                 |                             |     |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 5 | Preservative: ICE And H2SO4 |     | Enter Number of Bottles Sent to Lab | 2 |
|          | W-NH3        |         |                 |                             |     |                                     |   |
|          | W-NO2NO3     |         |                 |                             |     |                                     |   |
|          | W-S-A-TP     |         |                 |                             |     |                                     |   |
|          | W-TKN        |         |                 |                             |     |                                     |   |
|          | W-TOC        |         |                 |                             |     |                                     |   |
|          |              |         |                 | H2SO4                       |     |                                     |   |
|          |              |         |                 | LOT# 9A8344070              |     |                                     |   |
|          |              |         |                 | EXP: 12/10/2019             |     |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 5 | Preservative: FILTER-ICE    |     | Enter Number of Bottles Sent to Lab | 2 |
|          | W-PO4-F      |         |                 |                             |     |                                     |   |

Date of Request: 11-APR-2019  
 Created By: LINGER\_M On: 11-APR-2019  
 Modified By: JASROTIA\_P On: 17-APR-2019  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Sampling Event: Lk Van / Bass / Panther X3

**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: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 17-APR-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 17-APR-2019  
 Sampling Kit Required: YES Ship on: 23-APR-2019  
 Sampling Kit Shipped: YES On: 22-APR-2019  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 29-APR-2019  
 Received By: KLUG\_K On: 03-MAY-2019

**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:****Bottle Group A (Water) With 5 Samples:**

|                                    |                      |                                                                                                              |
|------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                  | Number of Bottles: 5 | Preserved With: ICE                                                                                          |
| ALKALINITY                         | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                     |
| Total Alkalinity                   |                      |                                                                                                              |
| TURBIDITY                          | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| Turbidity                          |                      |                                                                                                              |
| W-CL-IC                            | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| Chloride                           |                      |                                                                                                              |
| 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)         |
| Fluoride                           |                      |                                                                                                              |
| W-SO4-IC                           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| Sulfate                            |                      |                                                                                                              |
| W-TDS                              | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                    |
| TDS                                |                      |                                                                                                              |
| W-TSS                              | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |
| TSS                                |                      |                                                                                                              |
| Bottle Type: BP-1L                 | Number of Bottles: 5 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                         | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll-a, Corrected           |                      |                                                                                                              |
| Chlorophyll-a, Uncorrected         |                      |                                                                                                              |
| Phaeophytin-a                      |                      |                                                                                                              |
| Bottle Type: P-500ML               | Number of Bottles: 5 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                  | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| Ammonia-N                          |                      |                                                                                                              |
| W-NO <sub>2</sub> NO <sub>3</sub>  | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| NO <sub>2</sub> NO <sub>3</sub> -N |                      |                                                                                                              |

**Bottle Group A (Water) With 5 Samples:**

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 5 | Preserved With: ICE And H2SO4                                                            |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| Total-P              |                      |                                                                                          |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| Kjeldahl Nitrogen    |                      |                                                                                          |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Organic Carbon       |                      |                                                                                          |
| Bottle Type: P-125ML | Number of Bottles: 5 | 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 |
| O-Phosphate-P        |                      |                                                                                          |