

# Login Checklist

RQ- **2020 - 07- 20 - 66**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **07-15-2020 / 11:20**

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 2.7C                |                 |                                        |          | 8                                     |               | X  |          |    | 1278 4015 0138     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

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

Chain of Custody/ Field Sheet(s) Included?

Yes **X** No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ FieldSheet(s) Included?

Yes \_\_\_\_\_ No **X**

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA **X**

Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_

Containers intact? Yes **X** No \_\_\_\_\_

Caps on tight?

Yes **X** No \_\_\_\_\_

Sufficient Sample Volume:

Yes **X** No \_\_\_\_\_

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

**CHLORINE CHECK REQUIRED?** (Blue dot on container)

Yes **X** No \_\_\_\_\_ Init: **ABS**

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: **ABS**

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

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

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

Yes **X** No \_\_\_\_\_ NA \_\_\_\_\_ Init: **ABS**

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA **X** Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS** / \_\_\_\_\_

Date: **07-15-2020**

Event contains NCRs (Y/N)? **N**

Event ID:

**CEN-DIST - 2020 - 07 - 15 - 0 \**

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                           |
|--------------------------|---------------------------|
| Infrared Thermometer ID: | IRTG # 3 EXP:11-05-2020   |
| pH Test Strips 0 – 6     | 213316 BV EXP: 05/15/2021 |
| pH Paper 0 – 3           | XXXXXXXXXXXXXX            |
| pH Paper 0 – 13          | 231018 EXP:NOV 01 2022    |
| Chlorine Test Strips     | 9080 / 2022 / 01          |

### ENCORE SAMPLES

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

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

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

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

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

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

**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

Hourglass + Blank

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Leif Boman

Field Report Prepared By: Katie Mena

Project ID: SMP

Collected By: Leif BomanSampling Agency: 21FLCEN

|                                                             |  |                                                                                   |  |                                                                           |  |                                                             |  |                                                                                 |  |                                                                      |  |                                       |  |
|-------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|-------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|---------------------------------------|--|
| WIN ID / Field ID →                                         |  |  |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)                             |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end                                                        |  | Bottle Group(s)                       |  |
| Hourglass Lake @ Center                                     |  | G4CE0178                                                                          |  | Date                                                                      |  | 07/14/2020                                                  |  | Time                                                                            |  | 10:34                                                                |  | Date                                  |  |
| Latitude                                                    |  | Longitude                                                                         |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      |  | Total Res. Chlorine (mg/L)                                           |  | <input checked="" type="checkbox"/> B |  |
| <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       |  | Temp (C)                                                                  |  | pH                                                          |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  | Sp. Conductance (umho/cm)             |  |
|                                                             |  |                                                                                   |  | 31.5                                                                      |  | 7.76                                                        |  | 0.298                                                                           |  | 181.3                                                                |  |                                       |  |
|                                                             |  |                                                                                   |  | Salinity (ppt)                                                            |  | Comments                                                    |  |                                                                                 |  |                                                                      |  |                                       |  |
|                                                             |  |                                                                                   |  | 0.08                                                                      |  |                                                             |  |                                                                                 |  |                                                                      |  |                                       |  |
| Field ID: FB_07142020                                       |  |                                                                                   |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)                             |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end                                                        |  | Bottle Group(s)                       |  |
|                                                             |  |                                                                                   |  | Date                                                                      |  | 7/14/2020                                                   |  | Time                                                                            |  | 11:57                                                                |  | Date                                  |  |
| Latitude                                                    |  | Longitude                                                                         |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 |  | Total Res. Chlorine (mg/L)                                           |  | <input checked="" type="checkbox"/> A |  |
| <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                       |  | Temp (C)                                                                  |  | pH                                                          |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance (umho/cm)             |  |
|                                                             |  |                                                                                   |  |                                                                           |  |                                                             |  |                                                                                 |  |                                                                      |  |                                       |  |
|                                                             |  |                                                                                   |  | Salinity (ppt)                                                            |  | Comments                                                    |  |                                                                                 |  |                                                                      |  |                                       |  |
|                                                             |  |                                                                                   |  |                                                                           |  |                                                             |  |                                                                                 |  |                                                                      |  |                                       |  |
| Location                                                    |  |                                                                                   |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)                             |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end                                                        |  | Bottle Group(s)                       |  |
|                                                             |  |                                                                                   |  | Date                                                                      |  |                                                             |  | Time                                                                            |  |                                                                      |  | Date                                  |  |
| Field ID                                                    |  |                                                                                   |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 |  | Total Res. Chlorine (mg/L)                                           |  |                                       |  |
| WIN/STORET #                                                |  |                                                                                   |  | Temp (C)                                                                  |  | pH                                                          |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance (umho/cm)             |  |
| Latitude                                                    |  | Longitude                                                                         |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Salinity (ppt)                                                                  |  | Comments                                                             |  |                                       |  |
|                                                             |  |                                                                                   |  |                                                                           |  |                                                             |  |                                                                                 |  |                                                                      |  |                                       |  |
| Location                                                    |  |                                                                                   |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)                             |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end                                                        |  | Bottle Group(s)                       |  |
|                                                             |  |                                                                                   |  | Date                                                                      |  |                                                             |  | Time                                                                            |  |                                                                      |  | Date                                  |  |
| Field ID                                                    |  |                                                                                   |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 |  | Total Res. Chlorine (mg/L)                                           |  |                                       |  |
| WIN/STORET #                                                |  |                                                                                   |  | Temp (C)                                                                  |  | pH                                                          |  | Sample Depth                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance (umho/cm)             |  |
| Latitude                                                    |  | Longitude                                                                         |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Salinity (ppt)                                                                  |  | Comments                                                             |  |                                       |  |
|                                                             |  |                                                                                   |  |                                                                           |  |                                                             |  |                                                                                 |  |                                                                      |  |                                       |  |

|                   |                       |                 |                            |                    |                      |
|-------------------|-----------------------|-----------------|----------------------------|--------------------|----------------------|
| Relinquished By:  | Date/Time             | Shipping Method | Number of Coolers Shipped: | Received By:       | Date/Time            |
| <u>Leif Boman</u> | <u>07/14/20 16:00</u> | <u>FED EX</u>   | <u>1</u>                   | <u>[Signature]</u> | <u>7/15/20 11:20</u> |

Group: B      Bottle Type:      # of Bottles: 0      Preservative:      Enter Number of Bottles Sent to Lab 1

ALKALINITY  
CHLSUITE-W  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-NH3  
W-NO2NO3  
W-PO4-F  
W-S-A-TP  
W-SO4-IC  
W-TDS  
W-TKN  
W-TOC  
W-TSS

H2SO4  
LOT# SA9354050  
EXP: 12/20/2020

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  
LOT# SA9354050  
EXP: 12/20/2020

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: 14-JUL-2020  
 Created By: BOMAN\_L On: 14-JUL-2020  
 Modified By: JASROTIA\_P On: 15-JUL-2020  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Hourglass + Blank

**Send Coolers To:**

Phone: 407-897-4178  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Natalie Ayala  
 Cooler Ship EMail: natalie.ayala@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 14-JUL-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 15-JUL-2020  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 20-JUL-2020  
 Logged In By: SHAIK\_A On: 15-JUL-2020

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Kalina Warren  
 Report Notification EMail: natalie.ayala@dep.state.fl.us

Comments: Bottle Group A: Field Blank  
 Bottle Group B: Hourglass

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

|                       |                      |                                                                                                        |
|-----------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 1 | Preserved With: ICE                                                                                    |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                             |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                     |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                      |
| W-COLOR               | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                        |
| Color (true)          |                      |                                                                                                        |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO <sub>4</sub> -IC | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                       |
| W-TDS                 | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                            |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-2011) 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 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          |
| 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  |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO <sub>4</sub> -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-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                         |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                          |

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

|                      |                   |                                                                                                              |                               |
|----------------------|-------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-1L    |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE           |
| W-COLOR              | Template: DEFAULT | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |                               |
| Color (true)         |                   |                                                                                                              |                               |
| W-F                  | Template: DEFAULT | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |                               |
| W-SO4-IC             | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |                               |
| W-TDS                | Template: DEFAULT | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |                               |
| W-TSS                | Template: DEFAULT | (SM 2540 D-2011) 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-2011) 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                     |                               |