

# Log-in Checklist

RQ- 2019-08-05-12

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/ 6 /19 @ 9:50

| Cooler Temperature* | Samples Frozen | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------|
|                     |                |                                        |          |                                       | Present?      |    | *Intact? |    |                                     |
|                     | YES            | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                     |
| 1.6                 |                |                                        |          | 18                                    |               | ✓  |          |    | 4751 8782 1482                      |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\* HNO3 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 ✓

**\*\*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 ✓ 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: KK

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: KK

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

Coolers Unpacked/Checked by: KK Date: 8/ 6 /19 NCRs (Y/N)? N

Event ID: Caloosa Creeks  
SO-DIST-2019-08-06-01 (BMAP)  
Date Received: 06-AUG-2019 09:50 NCR #

## 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_07_2018 EXP:12/28/19 |
| <b>pH Test Strips 0 – 6 Lot #</b> |                          |
| <b>pH Paper 0 – 3 Lot #</b>       | 220416A EXP:7/30/20      |
| <b>pH Paper 0 – 13 Lot #</b>      | 222516 EXP:9/15/19       |
| <b>Chlorine Test Strips Lot #</b> | 091417V EXP:9/2021       |

## 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: \_\_\_\_\_

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: SO-DIST

Requester: Gary Snorek

Field Report Prepared By: MARYANN DUGAN

Project ID: BMAP

Collected By: GARY SNOREK, MARYANN DUGAN

Sampling Agency: S ROC

|                                                                         |  |                                                                           |  |                                                              |  |                                                                            |  |                                                           |  |                                  |  |
|-------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|--------------------------------------------------------------|--|----------------------------------------------------------------------------|--|-----------------------------------------------------------|--|----------------------------------|--|
| Field ID/WIN ID<br>G3SD0129                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 08/05/2019 Time 1350 |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time                                |  | Bottle Group(s)<br>(See pg 2)    |  |
| Location<br>Telegraph Creek                                             |  | Matrix (type, e.g., Salt, Fresh, etc)<br>FRESH                            |  | Diss. Oxygen 5.32                                            |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)                             |  | A                                |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  |  | Temp (C)<br>26.5                                             |  | pH<br>6.55                                                                 |  | Sample Depth<br>0.3                                       |  | Sp. Conductance<br>(umho/cm) 186 |  |
| Field ID/WIN ID<br>G3SD0128                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 08/05/2019 Time 1425 |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time                                |  | Bottle Group(s)                  |  |
| Location<br>Orange River                                                |  | Matrix (type, e.g., Salt, Fresh, etc)<br>FRESH                            |  | Diss. Oxygen 4.37                                            |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)                             |  | A                                |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  |  | Temp (C)<br>27.8                                             |  | pH<br>7.19                                                                 |  | Sample Depth<br>0.3                                       |  | Sp. Conductance<br>(umho/cm) 557 |  |
| Field ID/WIN ID<br>G3SD0130                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 08/05/2019 Time 1505 |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time                                |  | Bottle Group(s)                  |  |
| Location<br>Hancock Creek                                               |  | Matrix (type, e.g., Salt, Fresh, etc)<br>FRESH                            |  | Diss. Oxygen 3.69                                            |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)                             |  | A                                |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  |  | Temp (C)<br>27.7                                             |  | pH<br>7.21                                                                 |  | Sample Depth<br>0.3                                       |  | Sp. Conductance<br>(umho/cm) 548 |  |
| 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)                                               |  | Comments                                                                   |  |                                                           |  |                                  |  |

|                                   |                               |                          |                                 |                    |                            |
|-----------------------------------|-------------------------------|--------------------------|---------------------------------|--------------------|----------------------------|
| Relinquished By:<br>Maryann Dugan | Date/Time<br>08/05/2019; 1530 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>1 | Received By:<br>Kk | Date/Time<br>8/6/19 / 9:50 |
|-----------------------------------|-------------------------------|--------------------------|---------------------------------|--------------------|----------------------------|

|          |              |         |                 |                                |                                     |   |
|----------|--------------|---------|-----------------|--------------------------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: ICE              | Enter Number of Bottles Sent to Lab | 3 |
|          | ALKALINITY   |         |                 |                                |                                     |   |
|          | W-COLOR      |         |                 |                                |                                     |   |
|          | W-F          |         |                 |                                |                                     |   |
|          | W-TSS        |         |                 |                                |                                     |   |
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: ICE              | Enter Number of Bottles Sent to Lab | 3 |
|          | BOD-UNIN     |         |                 |                                |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 3 | Preservative: ICE              | Enter Number of Bottles Sent to Lab | 3 |
|          | CHLSUITE-W   |         |                 |                                |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: FILTER-H2SO4-ICE | Enter Number of Bottles Sent to Lab | 3 |
|          | W-DOC        |         |                 |                                |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: ICE And H2SO4    | Enter Number of Bottles Sent to Lab | 3 |
|          | W-NH3        |         |                 |                                |                                     |   |
|          | W-NO2NO3     |         |                 |                                |                                     |   |
|          | W-S-A-TP     |         |                 |                                |                                     |   |
|          | W-TKN        |         |                 |                                |                                     |   |
|          | W-TOC        |         |                 |                                |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: FILTER-ICE       | Enter Number of Bottles Sent to Lab | 3 |
|          | W-PO4-F      |         |                 |                                |                                     |   |

SA 7163030

06/12/18

Date of Request: 21-MAY-2019  
 Created By: SNOREK\_G On: 21-MAY-2019  
 Modified By: JASROTIA\_P On: 18-JUL-2019  
 Customer: SO-DIST  
 Project: BMAP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Sampling Event: Caloosa Creeks

**Send Coolers To:**

Phone: 239-344-5683  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Gary Snorek

**Program Module Number:**

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 18-JUL-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 18-JUL-2019  
 Sampling Kit Required: YES Ship on: 26-JUL-2019  
 Sampling Kit Shipped: YES On: 22-JUL-2019  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 05-AUG-2019  
 Received By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Gary Snorek

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

Comments: caloosa creeks sampling

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

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                     |
| 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-TSS                             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |
| Bottle Type: P-1L                 | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| BOD-UNIN                          | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                      |
| 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-125ML              | Number of Bottles: 3 | Preserved With: FILTER-H <sub>2</sub> SO <sub>4</sub> -ICE                                                   |
| W-DOC                             | Template: DEFAULT    | (SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices                           |
| Bottle Type: P-500ML              | Number of Bottles: 3 | 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-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML              | Number of Bottles: 3 | 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                     |

Cooler Packing Worksheet for Request: RQ-2019-08-05-12

Caloosa Creeks

Ship Cooler On: 7/26/2019

Customer/Project: SO-DIST/BMAP

Assigned To: REAVES\_S

Requester: Gary Snorek

Priority: 3

239-344-5683  
FLDEP South District Office  
2295 Victoria Ave. Suite 364  
Fort Myers, FL 33901-3381  
  
Attn: Gary Snorek

Comments:

No preservatives needed.

caloosa creeks sampling

Requested Analyses:

**Bottle Group: A**

**# of Sites: 3**

Container ID: P-1L

Qty: 3

Preservation: ICE

Lot #

00073854

Description: Plastic Bottle 1L

Analysis

ALKALINITY

W-COLOR

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO<sub>3</sub>/L

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: P-1L

Qty: 3

Preservation: ICE

Lot #

00073854

Description: Plastic Bottle 1L

Analysis

BOD-UNIN

Description

BOD, NOT nitrogen-inhibited

Container ID: BP-1L

Qty: 3

Preservation: ICE

Lot #

1248230

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-125ML

Qty: 3 Preservation: FILTER-H2SO4-ICE

Lot # 00074430

Description: Plastic Bottle 125 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-DOC

**Description**

Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00073852

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

**Description**

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: FILTER-ICE

Lot # 00074430

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SR

Number of Coolers: 1

Date: 7-22-19

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

|          |           |             |
|----------|-----------|-------------|
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2019-08-05-12**