

# Log-in Checklist

RQ- 2019-11-18-12

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/ 22 /19 @ 9:55

| 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 |                                     |
| 1.5                 |                |                                        |          | 12                                    |               | ✓  |          |    | 1278 4009 0573                      |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\* 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 ✓

**\*\*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: 11/ 22 /19 NCRs (Y/N)? ✓

Event ID: 2019 SMP : Okee Canals  
SO-DIST-2019-11-22-03 (SMP)  
Date Received: 22-NOV-2019 09:55  
 NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation

| Field ID | Bottle TestID(s) | pH | Action Taken |
|----------|------------------|----|--------------|
|          |                  |    |              |
|          |                  |    |              |
|          |                  |    |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle TestID(s) |
|-----------|----------|------------------|
|           |          |                  |
|           |          |                  |
|           |          |                  |

### Bottles Not Intact

| Field ID | Bottle TestID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                  |           | CK          | BR | CK                | BR |                          |
|          |                  |           |             |    |                   |    |                          |
|          |                  |           |             |    |                   |    |                          |
|          |                  |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle TestID(s) | Action Taken |
|----------|------------------|--------------|
|          |                  |              |
|          |                  |              |
|          |                  |              |

### Additional Comments:

|                            |                          |
|----------------------------|--------------------------|
| Infrared Thermometer ID:   | REC_07_2018 EXP:12/28/19 |
| pH Test Strips 0 – 6 Lot # |                          |
| pH Paper 0 – 3 Lot #       | 220416A EXP:7/30/20      |
| pH Paper 0 – 13 Lot #      | 215517 EXP:6/1/20        |
| Chlorine Test Strips Lot # | 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 \_\_\_\_\_ 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

Project ID: SMP

Requester: Nicole Reistad

Field Report Prepared By:

Nicole Reistad

Collected By: Gary Snorek, Nicole Reistad

Sampling Agency:

FDEP-SROC

|                                                                    |                                                                           |                                                            |                                                                            |                                     |                               |
|--------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------|-------------------------------|
| Field ID/WIN ID<br>G4SD0173                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/21/19 Time 1200 | Eastern<br>Central                                                         | Composite end<br>Date Time          | Bottle Group(s)<br>(See pg 2) |
| Location<br>Harney Pond Canal@SR 70                                | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>8.75                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)       | A                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms  | Temp (C)<br>20.3                                                          | pH<br>7.32                                                 | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>278 |                               |
| Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Salinity (ppt)<br>0.13                                                    | Comments<br>E. coli at Sanders                             |                                                                            |                                     |                               |
| Field ID/WIN ID<br>G4SD0174                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/21/19 Time 1140 | Eastern<br>Central                                                         | Composite end<br>Date Time          | Bottle Group(s)               |
| Location<br>Prairie Canal@ SR 70                                   | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>8.12                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)       | A                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms  | Temp (C)<br>20.4                                                          | pH<br>7.01                                                 | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>289 |                               |
| Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Salinity (ppt)<br>0.14                                                    | Comments<br>E. coli at Sanders                             |                                                                            |                                     |                               |
| Field ID/WIN ID<br>G4SD0175                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 11/21/19 Time 1115 | Eastern<br>Central                                                         | Composite end<br>Date Time          | Bottle Group(s)               |
| Location<br>C-41 A @ SR 70                                         | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>6.80                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)       | A                             |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms  | Temp (C)<br>21.2                                                          | pH<br>6.98                                                 | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>413 |                               |
| Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Salinity (ppt)<br>0.20                                                    | Comments<br>E. coli at Sanders                             |                                                                            |                                     |                               |
| Field ID                                                           | <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)               |
| WIN/STORET #                                                       | 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)       |                               |
| Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms  | Temp (C)                                                                  | pH                                                         | Sample Depth                                                               | Sp. Conductance<br>(umho/cm)        |                               |
| Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | Salinity (ppt)                                                            | Comments                                                   |                                                                            |                                     |                               |

|                                    |                            |                          |                                 |                    |                              |
|------------------------------------|----------------------------|--------------------------|---------------------------------|--------------------|------------------------------|
| Relinquished By:<br>Nicole Reistad | Date/Time<br>11/21/19 1530 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>1 | Received By:<br>KZ | Date/Time<br>11-22-19 / 0955 |
|------------------------------------|----------------------------|--------------------------|---------------------------------|--------------------|------------------------------|

|          |              |                |                 |               |               |                                     |                        |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>3</u>               |
|          | ALKALINITY   |                |                 |               |               |                                     |                        |
|          | TURBIDITY    |                |                 |               |               |                                     |                        |
|          | W-CL-IC      |                |                 |               |               |                                     |                        |
|          | W-COLOR      |                |                 |               |               |                                     |                        |
|          | W-F          |                |                 |               |               |                                     |                        |
|          | W-SO4-IC     |                |                 |               |               |                                     |                        |
|          | W-TDS        |                |                 |               |               |                                     |                        |
|          | W-TSS        |                |                 |               |               |                                     |                        |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>3</u>               |
|          | CHLSUITE-W   |                |                 |               |               |                                     |                        |
| Group: A | Bottle Type: | P-120ML-WC-THI | # of Bottles: 6 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>0; 3 at Sanders</u> |
|          | SD-SND-ECQ   |                |                 |               |               |                                     |                        |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>3</u>               |
|          | W-NH3        |                |                 |               | SA9010030     |                                     |                        |
|          | W-NO2NO3     |                |                 |               | exp. 07/10/20 |                                     |                        |
|          | 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 | <u>3</u>               |
|          | W-PO4-F      |                |                 |               |               |                                     |                        |

Date of Request: 08-OCT-2019  
 Created By: REISTAD\_N On: 08-OCT-2019  
 Modified By: JASROTIA\_P On: 29-OCT-2019  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Sampling Event: 2019 SMP : Okee Canals

**Send Coolers To:**

Phone: 239-344-5718  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Nicole Reistad

**Program Module Number:**

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 29-OCT-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 29-OCT-2019  
 Sampling Kit Required: YES Ship on: 08-NOV-2019  
 Sampling Kit Shipped: YES On: 04-NOV-2019  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 18-NOV-2019  
 Received By:

**Send Final Report To:**

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

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

Comments: Group A: Freshwater Nutrients, E.coli x3

**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                                     |
| TURBIDITY                         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                           | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                    |
| Color (true)                      |                      |                                                                                                              |
| W-F                               | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| W-SO4-IC                          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                    |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |
| Bottle Type: BP-1L                | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-120ML-WC-THI       | Number of Bottles: 6 | Preserved With: ICE                                                                                          |
| SD-SND-ECQ                        | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                                             |
| 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-2019-11-18-12

2019 SMP : Okee Canals

Ship Cooler On: 11/8/2019

Customer/Project: SO-DIST/SMP

Assigned To: KLUG\_K

Requester: Nicole Reistad

Priority: 3

239-344-5718  
FLDEP South District Office  
2295 Victoria Ave. Suite 364  
Fort Myers, FL 33901-3381  
Attn: Nicole Reistad

Comments:

No preservatives needed.

Group A: Freshwater Nutrients, E.coli x3

Requested Analyses:

**Bottle Group: A**

**# of Sites: 3**

Container ID: P-1L

Qty: 3      Preservation: ICE

Lot # 00075290

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-SO4-IC  
W-TDS  
W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L  
Turbidity in aqueous matrices  
Chloride in aqueous matrices  
True Color measured at 450 nm  
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
Sulfate in aqueous matrices  
Total Dissolved Solids in aqueous matrices  
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 3      Preservation: ICE

Lot # 1259820

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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



Container ID: P-120ML-WC-THI

Qty: 6 Preservation: ICE

Lot # 8405-TN

Description: 120 ml Sterilized White Cap with tablet

**Analysis**

SD-SND-ECQ

**Description**

E. coli by Colilert-18/QT by Sanders in Fort Myers

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00075526

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 # 00075427

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

Cooler Packed By: KK

Number of Coolers: 1

Date: 11-4-19

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-2019-11-18-12**