

RQ- 2019-09-23.47

## Log-in Checklist

Login Station ID: #5Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 10/1/19 @ 9:50

| Cooler Temperature* | Samples Frozen<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |          |     |    | Tracking #<br>Damaged waybills only |
|---------------------|-----------------------|----------------------------------------|----------|---------------------------------------|---------------|----------|-----|----|-------------------------------------|
|                     |                       | HNO <sub>3</sub>                       | Formalin |                                       | Present?      | *Intact? | Yes | No |                                     |
| <u>1.9</u>          |                       |                                        |          | <u>12</u>                             |               | <u>✓</u> |     |    | <u>1190 3161 9283</u>               |
|                     |                       |                                        |          |                                       |               |          |     |    |                                     |
|                     |                       |                                        |          |                                       |               |          |     |    |                                     |
|                     |                       |                                        |          |                                       |               |          |     |    |                                     |
|                     |                       |                                        |          |                                       |               |          |     |    |                                     |
|                     |                       |                                        |          |                                       |               |          |     |    |                                     |
|                     |                       |                                        |          |                                       |               |          |     |    |                                     |

\* 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: KKCoolers Unpacked/Checked by: KK Date: 10/1/19NCRs (Y/N)? NEvent ID: SMP Wilderness Waterway  
SO-DIST-2019-10-01-01 (SMP)  
Date Received: 01-OCT-2019 09:50NCR #

# 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:

|                            |                          |
|----------------------------|--------------------------|
| 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 #      | 222516 EXP:9/15/19       |
| 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 ☒

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: Miranda Carroll

Field Report Prepared By: Miranda CarrollCollected By: Miranda Carroll + Gary ShorekSampling Agency: FDEP SROC

|              |                                                             |                                                                                   |                                                                           |                                                                         |                                                                            |                                        |                               |
|--------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------|-------------------------------|
| Location     | Field ID/WIN ID                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>9/30/19</u> Time <u>1035</u> | <del>Eastern</del><br>Central                                              | Composite end<br>Date _____ Time _____ | Bottle Group(s)<br>(See pg 2) |
| Field ID     | Location                                                    | G1SD0074                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Marine</u>                    | Diss. Oxygen<br><u>5.72</u>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)          | A                             |
| WIN/STORET # | ENRE 10 near Boat Ramp                                      |  | Temp (C) <u>27.8</u>                                                      | pH <u>7.71</u>                                                          | Sample Depth <u>0.3</u>                                                    | Sp. Conductance (umho/cm) <u>42339</u> |                               |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt) <u>27.12</u>                                             | Comments                                                                   |                                        |                               |
| Location     | Field ID/WIN ID                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>9/30/19</u> Time <u>1210</u> | <del>Eastern</del><br>Central                                              | Composite end<br>Date _____ Time _____ | Bottle Group(s)               |
| Field ID     | Location                                                    | G1SD0073                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Marine</u>                    | Diss. Oxygen<br><u>4.83</u>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)          | A                             |
| WIN/STORET # | ENRE9 @CopelandCauseway                                     |  | Temp (C) <u>28.2</u>                                                      | pH <u>7.24</u>                                                          | Sample Depth <u>0.3</u>                                                    | Sp. Conductance (umho/cm) <u>35499</u> |                               |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt) <u>22.27</u>                                             | Comments                                                                   |                                        |                               |
| Location     | Field ID/WIN ID                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>9/30/19</u> Time <u>1230</u> | <del>Eastern</del><br>Central                                              | Composite end<br>Date _____ Time _____ | Bottle Group(s)               |
| Field ID     | Location                                                    | G1SD0090                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Marine</u>                    | Diss. Oxygen<br><u>2.88</u>                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)          | A                             |
| WIN/STORET # | ENRE 9                                                      |  | Temp (C) <u>27.3</u>                                                      | pH <u>7.15</u>                                                          | Sample Depth <u>0.3</u>                                                    | Sp. Conductance (umho/cm) <u>19237</u> |                               |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt) <u>11.39</u>                                             | Comments                                                                   |                                        |                               |
| Location     | Field ID/WIN ID                                             |                                                                                   | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                | <del>Eastern</del><br>Central                                              | Composite end<br>Date _____ Time _____ | Bottle Group(s)               |
| Field ID     | Location                                                    |                                                                                   | 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                                                               | Sp. Conductance (umho/cm)              |                               |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                                          | Comments                                                                   |                                        |                               |

|                                        |                                  |                                 |                                        |                           |                                   |
|----------------------------------------|----------------------------------|---------------------------------|----------------------------------------|---------------------------|-----------------------------------|
| Relinquished By:<br><u>Gary Shorek</u> | Date/Time<br><u>9/30/19 1600</u> | Shipping Method<br><u>Fedex</u> | Number of Coolers Shipped:<br><u>1</u> | Received By:<br><u>HK</u> | Date/Time<br><u>10-1-19 10950</u> |
|----------------------------------------|----------------------------------|---------------------------------|----------------------------------------|---------------------------|-----------------------------------|

|          |                                                                    |                |                 |                             |     |                                                             |
|----------|--------------------------------------------------------------------|----------------|-----------------|-----------------------------|-----|-------------------------------------------------------------|
| Group: A | Bottle Type:                                                       | P-1L           | # of Bottles: 5 | Preservative:               | ICE | Enter Number of Bottles Sent to Lab <u>3</u>                |
|          | ALKALINITY<br>TURBIDITY<br>W-BR-IC<br>W-F<br>W-TSS                 |                |                 |                             |     |                                                             |
| Group: A | Bottle Type:                                                       | BP-1L          | # of Bottles: 5 | Preservative:               | ICE | Enter Number of Bottles Sent to Lab <u>3</u>                |
|          | CHLSUITE-W                                                         |                |                 |                             |     |                                                             |
| Group: A | Bottle Type:                                                       | P-500ML        | # of Bottles: 5 | Preservative: ICE And H2SO4 |     | Enter Number of Bottles Sent to Lab <u>3</u>                |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC<br>Lot # SA9010030 |                |                 |                             |     |                                                             |
| Group: A | Bottle Type:                                                       | P-125ML        | # of Bottles: 5 | Preservative: FILTER-ICE    |     | Enter Number of Bottles Sent to Lab <u>3</u>                |
|          | W-PO4-F                                                            |                |                 |                             |     |                                                             |
| Group: B | Bottle Type:                                                       | P-1L           | # of Bottles: 4 | Preservative:               | ICE | Enter Number of Bottles Sent to Lab <u><del>3</del> mac</u> |
|          | ALKALINITY<br>TURBIDITY<br>W-BR-IC<br>W-F<br>W-TSS                 |                |                 |                             |     |                                                             |
| Group: B | Bottle Type:                                                       | BP-1L          | # of Bottles: 4 | Preservative:               | ICE | Enter Number of Bottles Sent to Lab <u>0</u>                |
|          | CHLSUITE-W                                                         |                |                 |                             |     |                                                             |
| Group: B | Bottle Type:                                                       | P-250ML-WI-THI | # of Bottles: 8 | Preservative:               | ICE | Enter Number of Bottles Sent to Lab <u>0</u>                |
|          | SD-SND-ENQ<br>SD-SND-FC                                            |                |                 |                             |     |                                                             |
| Group: B | Bottle Type:                                                       | P-500ML        | # of Bottles: 4 | Preservative: ICE And H2SO4 |     | Enter Number of Bottles Sent to Lab <u>0</u>                |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                    |                |                 |                             |     |                                                             |

Group: B

Bottle Type:

P-125ML

# of Bottles: 4

Preservative:

FILTER-ICE

Enter Number of Bottles Sent to Lab

6

W-PO4-F

Date of Request: 06-SEP-2019  
 Created By: CARROLL\_M On: 06-SEP-2019  
 Modified By: JASROTIA\_P On: 09-SEP-2019  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Sampling Event: SMP\_WildernessWaterway

**Send Coolers To:**

Phone: 239-344-5716  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33909  
 Attn: Miranda Carroll

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 06-SEP-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 09-SEP-2019  
 Sampling Kit Required: YES Ship on: 16-SEP-2019  
 Sampling Kit Shipped: YES On: 16-SEP-2019  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 23-SEP-2019  
 Received By:

**Send Final Report To:**

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

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

Comments: group A: nutrients for ten thousand islands4x+BLANK

Group B: 4x nutrients+Ecoli/Fecal for Oyster Bay and last Huston Bay

**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 CaCO3/L                                                  |
| TURBIDITY            | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-BR-IC              | Template: DEFAULT    | (EPA 300.0) Bromide in aqueous matrices                                                                      |
| 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: 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 |
| Bottle Type: P-500ML | Number of Bottles: 5 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML | Number of Bottles: 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                     |

**Bottle Group B (Water) With 4 Samples:**

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 4 | Preserved With: ICE                                                                                  |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                   |
| W-BR-IC           | Template: DEFAULT    | (EPA 300.0) Bromide in aqueous matrices                                                              |
| 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 Group B (Water) With 4 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L          | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 8 | Preserved With: ICE                                                                                          |
| SD-SND-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers                                        |
| SD-SND-FC                   | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by MF by Sanders in Fort Myers                                                   |
| Bottle Type: P-500ML        | Number of Bottles: 4 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML        | Number of Bottles: 4 | 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                     |