

# Log-in Checklist

RQ- 2018-09-27-50

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 09/27/2018 / 09:30

| Cooler Temperature* | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|---------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|                     |                                        |          |                                       | Present?      |    | *Intact? |    |                                                       |
|                     | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                                       |
| 1.8c                |                                        |          | 6                                     |               | X  |          |    |                                                       |
| 1.9c                |                                        |          | 6                                     |               | X  |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |

\* 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), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

**\*\*Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

\*\*Chain of Custody/ Field Sheet(s) Included? Yes ✓ No       

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes        No ✓ Date 9/27/18

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes        No X If yes, is it intact? Yes        No       

\*\*Caps on tight? Yes X No        \*\*Containers intact? Yes ✓ No       

\*\*Sufficient Sample Volume: Yes X No       

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes ✓ No        Init: **ABS**

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |            |     |    |
|------------------------------------------------------------------------------------------------------|-----|----|------------|-----|----|
| Analysis                                                                                             | Yes | No | Analysis   | Yes | No |
| W-1,4 DIOX                                                                                           |     |    | W-PC-AA-SF |     |    |
| W-E8321-DI, -MS, -21                                                                                 |     |    | W-NP-AA-SF |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT   |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PCL-SQ-R |     |    |
| W-U2060-MS                                                                                           |     |    | W-TR-TQ    |     |    |
| W-PCB-R                                                                                              |     |    | W-CT-CI-R  |     |    |
| W-PAH (-R)                                                                                           |     |    | W-PSNP-TQ  |     |    |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No        NA        Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS** Date: 09/27/2018 NCRs (Y/N)?       

Event ID: Wekiwa West / Gee / Soldier / Howell NCR #         
CEN-DIST-2018-09-27-01 (SMP)

## Log-in Checklist

### Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | 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_03_2018            |
| pH Paper 0.0 – 3.0 Lot #   | 2305 15 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP:09/15/2019  |
| Chlorine Test Strips Lot # | 7226 EXP:20/20/07      |

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

wekiva west / Gee / Soldier / Howell

last revised Jan 25, 2018

Customer: CEN-DIST

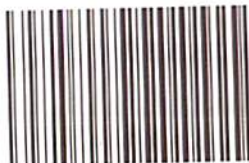
Requester: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: SMP

Collected By: Mike Linger / Mike Drennon

Sampling Agency: FDEP CE-ROC

|          |                                                                     |                                                                                     |                                                                           |                                                           |                      |                                                                            |                                    |                               |
|----------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|----------------------------------------------------------------------------|------------------------------------|-------------------------------|
| Location | WIN ID / Field ID →                                                 |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 923  | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)<br>(See pg 2) |
| Field ID | Little Wekiva River<br>near Edgewater Dr<br>(3004)                  | G2CE0062                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>1.64 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | E                             |
| WIN/STC  |                                                                     |                                                                                     | Temp<br>(C) 28.9                                                          | pH 6.69                                                   | Sample Depth 0.15    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 176.7 |                               |
| Latitude | <input type="checkbox"/> dms                                        |                                                                                     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                         | Comments *           |                                                                            |                                    |                               |
| Location | WIN ID / Field ID →                                                 |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 936  | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID | Little Wekiva River<br>@ 100m Upstream of<br>Edgewater Drive (3004) | G2CE0170                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>2.02 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | E                             |
| WIN/STC  |                                                                     |                                                                                     | Temp<br>(C) 29.1                                                          | pH 6.78                                                   | Sample Depth 0.3     | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 177.6 |                               |
| Latitude | <input type="checkbox"/> dms                                        |                                                                                     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                         | Comments *           |                                                                            |                                    |                               |
| Location | WIN ID / Field ID →                                                 |   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 1029 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID | Little Wekiva (west) @<br>50m US of Northwestern<br>Ave (2987B)     | G2CE0099                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>1.38 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | A                             |
| WIN/STOF |                                                                     |                                                                                     | Temp<br>(C) 28.6                                                          | pH 6.78                                                   | Sample Depth 0.15    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 195.4 |                               |
| Latitude | <input type="checkbox"/> dms                                        |                                                                                     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                         | Comments *           |                                                                            |                                    |                               |
| Location | WIN ID / Field ID →                                                 |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 1044 | Eastern<br>Central   | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID | Little Wekiva (west) @<br>150m East of Northwestern<br>Ave (2987B)  | G2CE0174                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>1.67 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | E                             |
| WIN/STC  |                                                                     |                                                                                     | Temp<br>(C) 28.7                                                          | pH 6.75                                                   | Sample Depth 0.15    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 195.8 |                               |
| Latitude | <input type="checkbox"/> dms                                        |                                                                                     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                         | Comments *           |                                                                            |                                    |                               |

|                         |                           |                          |                                 |                             |                             |
|-------------------------|---------------------------|--------------------------|---------------------------------|-----------------------------|-----------------------------|
| Relinquished By:<br>MKL | Date/Time<br>9/26/18 1600 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>2 | Received By:<br>[Signature] | Date/Time<br>09-27-18/19:30 |
|-------------------------|---------------------------|--------------------------|---------------------------------|-----------------------------|-----------------------------|

\* = CD.FLR-ECQ sent to contract lab

|          |              |                |                 |               |                                            |                                     |                               |
|----------|--------------|----------------|-----------------|---------------|--------------------------------------------|-------------------------------------|-------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE                                        | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | ALKALINITY   |                |                 |               |                                            |                                     |                               |
|          | TURBIDITY    |                |                 |               |                                            |                                     |                               |
|          | W-CL-IC      |                |                 |               |                                            |                                     |                               |
|          | W-COLOR      |                |                 |               |                                            |                                     |                               |
|          | W-F          |                |                 |               |                                            |                                     |                               |
|          | W-SO4-IC     |                |                 |               |                                            |                                     |                               |
|          | W-TDS        |                |                 |               |                                            |                                     |                               |
|          | W-TSS        |                |                 |               |                                            |                                     |                               |
| Group: A | Bottle Type: | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | Na thiosulfate and Ice                     | Enter Number of Bottles Sent to Lab | <u>1 sent to contract lab</u> |
|          | CD-FLR-ECQ   |                |                 |               |                                            |                                     |                               |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE                                        | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | CHLSUITE-W   |                |                 |               |                                            |                                     |                               |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4                              | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | W-NH3        |                |                 |               |                                            |                                     |                               |
|          | W-NO2NO3     |                |                 |               |                                            |                                     |                               |
|          | W-S-A-TP     |                |                 |               |                                            |                                     |                               |
|          | W-TKN        |                |                 |               |                                            |                                     |                               |
|          | W-TOC        |                |                 |               |                                            |                                     |                               |
|          |              |                |                 |               | H2SO4<br>LOT# SA8101020<br>Exp: 04/11/2019 |                                     |                               |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE                                 | Enter Number of Bottles Sent to Lab | <u>1</u>                      |
|          | W-PO4-F      |                |                 |               |                                            |                                     |                               |
| Group: B | Bottle Type: | P-250ML-WI-THI | # of Bottles: 2 | Preservative: | Na thiosulfate and Ice                     | Enter Number of Bottles Sent to Lab | <u>2 sent to contract lab</u> |
|          | CD-FLR-ECQ   |                |                 |               |                                            |                                     |                               |
| Group: B | Bottle Type: | QPCR-P-500ML   | # of Bottles: 2 | Preservative: | ICE                                        | Enter Number of Bottles Sent to Lab | <u>2</u>                      |
|          | PCR-FILTER   |                |                 |               |                                            |                                     |                               |
| Group: B | Bottle Type: | BG-500ML       | # of Bottles: 2 | Preservative: | ICE                                        | Enter Number of Bottles Sent to Lab | <u>2</u>                      |
|          | W-E8321-DI   |                |                 |               |                                            |                                     |                               |
|          | W-E8321-MS   |                |                 |               |                                            |                                     |                               |
| Group: C | Bottle Type: | P-250ML-WI-THI | # of Bottles: 2 | Preservative: | Na thiosulfate and Ice                     | Enter Number of Bottles Sent to Lab | <u>2 sent to contract lab</u> |
|          | CD-FLR-ECQ   |                |                 |               |                                            |                                     |                               |
| Group: C | Bottle Type: | QPCR-P-500ML   | # of Bottles: 2 | Preservative: | ICE                                        | Enter Number of Bottles Sent to Lab | <u>2</u>                      |
|          | PCR-FILTER   |                |                 |               |                                            |                                     |                               |

|          |                                       |                |                        |                                      |                                     |                                           |
|----------|---------------------------------------|----------------|------------------------|--------------------------------------|-------------------------------------|-------------------------------------------|
| Group: C | Bottle Type: PCR-HF183                | QPCR-P-500ML   | # of Bottles: 2        | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | <u>2</u>                                  |
| Group: C | Bottle Type: W-E8321-DI<br>W-E8321-MS | BG-500ML       | # of Bottles: 2        | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | <u>2</u>                                  |
| Group: D | Bottle Type: CD-FLR-ECQ               | P-250ML-WI-THI | # of Bottles: 2        | Preservative: Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | <u>2 sent to contract MKL</u><br><u>①</u> |
| Group: D | Bottle Type: PCR-FILTER<br>PCR-GULL2  | QPCR-P-500ML   | # of Bottles: 2        | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | <u>①</u>                                  |
| Group: D | Bottle Type: W-E8321-DI<br>W-E8321-MS | BG-500ML       | # of Bottles: 2        | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | <u>①</u>                                  |
| Group: E | Bottle Type: CD-FLR-ECQ               | P-250ML-WI-THI | # of Bottles: <u>3</u> | Preservative: Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | <u>3 sent to contract lab</u>             |

★ Please add an additional 2 bottles to Group E

wekiva west / Gee / Soldier / Howell

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Mike Linger

Project ID: SMP

Collected By:

Mike Linger / Mike Drannen

Sampling Agency:

FOEP CE-ROC

|          |                                                      |                                                                                     |                                                                           |                                                           |                      |                                                                            |                                 |
|----------|------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|----------------------------------------------------------------------------|---------------------------------|
| Location | WIN ID / Field ID →                                  |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 1121 | Eastern<br>Central   | Composite end<br>Date Time                                                 | Bottle Group(s)<br>(See pg 2)   |
| Field    | Soldier Creek @ just downstream of SR Hwy 419 (2986) | G2CE0162                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>6.68 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)      |
| WIN/ST   |                                                      |                                                                                     |                                                                           | Temp (C) 26.1                                             | pH 7.40              | Sample Depth 0.2                                                           | Sp. Conductance (umho/cm) 248.3 |
| Latitude |                                                      |                                                                                     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                            | Comments             |                                                                            |                                 |
| Location | WIN ID / Field ID →                                  |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 1129 | Eastern<br>Central   | Composite end<br>Date Time                                                 | Bottle Group(s)                 |
| Field ID | Soldier Creek @ 150m Upstream of SR Hwy 419 (2986)   | G2CE0071                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>6.33 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)      |
| WIN/ST   |                                                      |                                                                                     |                                                                           | Temp (C) 26.2                                             | pH 7.35              | Sample Depth 0.2                                                           | Sp. Conductance (umho/cm) 245.3 |
| Latitude |                                                      |                                                                                     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                            | Comments             |                                                                            |                                 |
| Location | WIN ID / Field ID →                                  |   | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 1152 | Eastern<br>Central   | Composite end<br>Date Time                                                 | Bottle Group(s)                 |
| Field    | Gee Creek @ Alton Rd (2994A)                         | G2CE0161                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>6.23 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)      |
| WIN      |                                                      |                                                                                     |                                                                           | Temp (C) 27.7                                             | pH 7.12              | Sample Depth 0.3                                                           | Sp. Conductance (umho/cm) 196.6 |
| Latitude |                                                      |                                                                                     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                            | Comments             |                                                                            |                                 |
| Location | WIN ID / Field ID →                                  |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 9/26/18 Time 1204 | Eastern<br>Central   | Composite end<br>Date Time                                                 | Bottle Group(s)                 |
| Field ID | Gee Creek @ SR Hwy 419 (2994A)                       | G2CE0075                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                     | Diss. Oxygen<br>6.14 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)      |
| WIN/ST   |                                                      |                                                                                     |                                                                           | Temp (C) 27.4                                             | pH 7.20              | Sample Depth 0.15                                                          | Sp. Conductance (umho/cm) 218.2 |
| Latitude |                                                      |                                                                                     | <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 |
| MKL              | 9/26/18 1600 | FedEx           | 2                          |              |           |

★ = CD-FLR-ELR sent to contract lab

|          |                                                                                    |                |                                            |               |                        |                                     |                        |
|----------|------------------------------------------------------------------------------------|----------------|--------------------------------------------|---------------|------------------------|-------------------------------------|------------------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1                            | Preservative: | ICE                    | Enter Number of Bottles Sent to Lab | 1                      |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                                            |               |                        |                                     |                        |
| Group: A | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 1                            | Preservative: | Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | 1 sent to contract lab |
|          | CD-FLR-ECQ                                                                         |                |                                            |               |                        |                                     |                        |
| 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<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                | H2SO4<br>LOT# SA8101020<br>EXP: 04/11/2019 |               |                        |                                     |                        |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 1                            | Preservative: | FILTER-ICE             | Enter Number of Bottles Sent to Lab | 1                      |
|          | W-PO4-F                                                                            |                |                                            |               |                        |                                     |                        |
| Group: B | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 2                            | Preservative: | Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | 2 sent to contract lab |
|          | CD-FLR-ECQ                                                                         |                |                                            |               |                        |                                     |                        |
| Group: B | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 2                            | Preservative: | ICE                    | Enter Number of Bottles Sent to Lab | 2                      |
|          | PCR-FILTER                                                                         |                |                                            |               |                        |                                     |                        |
| Group: B | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 2                            | Preservative: | ICE                    | Enter Number of Bottles Sent to Lab | 2                      |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                                            |               |                        |                                     |                        |
| Group: C | Bottle Type:                                                                       | P-250ML-WI-THI | # of Bottles: 2                            | Preservative: | Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | 2 sent to contract lab |
|          | CD-FLR-ECQ                                                                         |                |                                            |               |                        |                                     |                        |
| Group: C | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 2                            | Preservative: | ICE                    | Enter Number of Bottles Sent to Lab | 2                      |
|          | PCR-FILTER                                                                         |                |                                            |               |                        |                                     |                        |

|          |                                       |                |                 |                                      |                                     |                        |
|----------|---------------------------------------|----------------|-----------------|--------------------------------------|-------------------------------------|------------------------|
| Group: C | Bottle Type: PCR-HF183                | QPCR-P-500ML   | # of Bottles: 2 | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | 2                      |
| Group: C | Bottle Type: W-E8321-DI<br>W-E8321-MS | BG-500ML       | # of Bottles: 2 | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | 2                      |
| Group: D | Bottle Type: CD-FLR-ECQ               | P-250ML-WI-THI | # of Bottles: 2 | Preservative: Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | 0                      |
| Group: D | Bottle Type: PCR-FILTER<br>PCR-GULL2  | QPCR-P-500ML   | # of Bottles: 2 | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | 0                      |
| Group: D | Bottle Type: W-E8321-DI<br>W-E8321-MS | BG-500ML       | # of Bottles: 2 | Preservative: ICE                    | Enter Number of Bottles Sent to Lab | 0                      |
| Group: E | Bottle Type: CD-FLR-ECQ               | P-250ML-WI-THI | # of Bottles: 3 | Preservative: Na thiosulfate and Ice | Enter Number of Bottles Sent to Lab | 3 sent to contract lab |

★ Please add an additional 2 bottles to Group E

# ENVIRONMENTAL RESEARCH & DESIGN, INC. --- CHAIN-OF-CUSTODY RECORD

3419 Trentwood Blvd., Suite 102 - Belle Isle (Orlando), FL 32812-4864 --- Phone: (407) 855-9465 --- Fax: (407) 826-0419

| Client Name: Florida Department of Environmental Protection |         |       |                     |                |                | Total Number of Bottles | ANALYSIS CODE   |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
|-------------------------------------------------------------|---------|-------|---------------------|----------------|----------------|-------------------------|-----------------|-----------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|----------------------------|---------|---|---------------------------------------------------|----------|-------|-------|
| Address: 3319 Maguire Blvd, Orlando, FL 32803               |         |       |                     |                |                |                         | 2-Liter Plastic | 60 mL Plastic (filtered, F) | 60 mL Plastic (Filtered/Preserved with H <sub>2</sub> SO <sub>4</sub> , FP) | 60 mL Plastic (Unfiltered) (Preserved with H <sub>2</sub> SO <sub>4</sub> , P) | 500 mL Plastic | Glass (Preserved with HCl) | Metals: |   | 250 mL Plastic (Preserved with HNO <sub>3</sub> ) | Whirlpak | Other | Other |
| Project Contact: Michael Linger                             |         |       |                     |                |                |                         |                 |                             |                                                                             |                                                                                |                |                            | UF      | F |                                                   |          |       |       |
| Project Contact Phone: 407-897-4180                         |         |       |                     |                |                |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| Project Name: RQ-2018-09-24-50 Project #:                   |         |       |                     |                |                |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| Containers Accepted By: Andrew                              |         |       |                     |                |                |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| Samples Collected By: Mike Linger / Mike Drannen            |         |       |                     |                |                |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| Sample I.D.                                                 | *Matrix | **IPC | ERD Sample I.D. No. | Date Collected | Time Collected |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| G2CE0062                                                    | S       | A     | 18-2469             | 9/26/18        | 923            |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          | 12a   |       |
| G2CE0170                                                    |         | A     | 18-2470             |                | 936            |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| G2CE0099                                                    |         | A     | 18-2471             |                | 1029           |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| G2CE0174                                                    |         | A     | 18-2472             |                | 1044           |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| G2CE0162                                                    |         | A     | 18-2473             |                | 1121           |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| G2CE0071                                                    |         | A     | 18-2474             |                | 1129           |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| G2CE0161                                                    |         | A     | 18-2475             |                | 1152           |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| G2CE0075                                                    |         | A     | 18-2476             |                | 1204           |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |
| DISPOSAL DATE:                                              |         |       |                     |                |                |                         |                 |                             |                                                                             |                                                                                |                |                            |         |   |                                                   |          |       |       |

**\*MATRIX:** SW = Stormwater    SP = Seepage    S = Surface Water    BF = Baseflow    GW = Groundwater    BP = Bulk Precipitation    G = Grab    C = Composite  
**\*\*ICE PRESERVATION CODES (IPC):** A = Transported in ice, ice present when received    B = Transported in ice, ice not present when received    C = Not transported in ice

| CUSTODY TRANSFERS |                    |         |       | Method of Shipment:                                              |                                       | Received in Cooler: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N  |                                                                              | pH Checked in Laboratory |  |
|-------------------|--------------------|---------|-------|------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------|--|
| RELINQUISHED BY   | RECEIVED BY        | DATE    | TIME  | Delivered Directly to Lab: <input checked="" type="checkbox"/> X | Cooler Temp. verification: <u>5</u>   | Temp. Blank Provided <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | (< 2 s.u.): <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                          |  |
| 1. Mike Linger    | <i>[Signature]</i> | 9-26-18 | 13:35 | Shipped By FedEx: _____                                          | Temperature Blank Cooler #1: _____ °C | pH Lot #: _____                                                                       |                                                                              |                          |  |
| 2.                |                    |         |       | UPS: _____                                                       | Temperature Blank Cooler #2: _____ °C | Sulfuric Acid: Lot # _____                                                            |                                                                              |                          |  |
|                   |                    |         |       | Other: _____                                                     | Temperature Blank Cooler #3: _____ °C | Chlorine Check                                                                        |                                                                              |                          |  |
|                   |                    |         |       |                                                                  |                                       | (< 0.1 mg/l): <input type="checkbox"/> Y <input checked="" type="checkbox"/> N        |                                                                              |                          |  |

|           |        |
|-----------|--------|
| COMMENTS: | B39585 |
|-----------|--------|

Date of Request: 06-SEP-2018  
 Created By: LINGER\_M On: 06-SEP-2018  
 Modified By: SWANSON\_C On: 07-SEP-2018  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Sampling Event: wekiva west / Gee / Soldier / Howell

**Send Coolers To:**

Phone: 407-897-4180  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Mike Linger

Program Module Number: 1306  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 07-SEP-2018  
 Biology Request Reviewed By: SWANSON\_C On: 07-SEP-2018  
 Sampling Kit Required: YES Ship on: 14-SEP-2018  
 Sampling Kit Shipped: YES On: 07-SEP-2018  
 Sampling Kit Packed By: GREENWOO\_J  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-SEP-2018  
 Received By: SHAIK\_A On: 27-SEP-2018

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Mike Linger

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

Comments: A: Wekiva west 1  
 B: Gee X2  
 C: Soldier X2  
 D: Howell X2  
 E: Wekiva west 2

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

|                             |                      |                                                                                                                                |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | 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-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: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: Na thiosulfate and Ice                                                                                         |
| CD-FLR-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs |
| 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-00) 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                                       |

**Bottle Group B (Water) With 2 Samples:**

|                             |                      |                                                                                                                                |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: Na thiosulfate and Ice                                                                                         |
| CD-FLR-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 2 | Preserved With: ICE                                                                                                            |
| PCR-FILTER                  | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                                  |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | Preserved With: ICE                                                                                                            |
| W-E8321-DI                  | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                        |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                        |

**Bottle Group C (Water) With 2 Samples:**

|                             |                      |                                                                                                                                           |
|-----------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 2 | Preserved With: ICE                                                                                                                       |
| PCR-FILTER                  | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                                             |
| PCR-HF183                   | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | Preserved With: ICE                                                                                                                       |
| W-E8321-DI                  | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                   |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                   |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: Na thiosulfate and Ice                                                                                                    |
| CD-FLR-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs            |

**Bottle Group D (Water) With 2 Samples:**

|                             |                      |                                                                                                                                                                  |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: Na thiosulfate and Ice                                                                                                                           |
| CD-FLR-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs                                   |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 2 | Preserved With: ICE                                                                                                                                              |
| PCR-FILTER                  | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                                                                    |
| PCR-GULL2                   | Template: DEFAULT    | (SOP-PCR-1.2) Detection and quantification of coastal bird specific Catellicoccus marimammalium Gull2 genetic marker with quantitative polymerase chain reaction |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | Preserved With: ICE                                                                                                                                              |
| W-E8321-DI                  | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                                          |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                                          |

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

|                             |                      |                                                                                                                                |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: Na thiosulfate and Ice                                                                                         |
| CD-FLR-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs |

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\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Cooler Packing Worksheet for Request: RQ-2018-09-24-50

wekiva west / Gee / Soldier / Howell

Ship Cooler On: 9/14/2018

Customer/Project: CEN-DIST/SMP

Assigned To: GREENWOO\_J

Requester: Michael Linger

Priority: 3

407-897-4180  
FL Dept. of Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767  
  
Attn: Mike Linger

Comments:

No preservatives needed.

A: Wekiva west 1  
B: Gee X2  
C: Soldier X2  
D: Howell X2  
E: Wekiva west 2

Requested Analyses:

**Bottle Group: A**

**# of Sites: 1**

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00071878

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: P-250ML-WI-THI

Qty: 1 Preservation: Na thiosulfate and Ice

Lot # 118005

Description: 250 ml Sterilized with tablet

**Analysis**

CD-FLR-ECQ

**Description**

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: BP-1L

Qty: 1    Preservation: ICE

Lot # 1232362

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-500ML

Qty: 1    Preservation: ICE And H2SO4

Lot # 00072044

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: 1    Preservation: FILTER-ICE

Lot # 00071266

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

**Bottle Group: B**

**# of Sites: 2**

Container ID: P-250ML-WI-THI

Qty: 2    Preservation: Na thiosulfate and Ice

Lot # L18005

Description: 250 ml Sterilized with tablet

**Analysis**

CD-FLR-ECQ

**Description**

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: QPCR-P-500ML

Qty: 2    Preservation: ICE

Lot # 00071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

**Analysis**

PCR-FILTER

**Description**

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00071105

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

---

Bottle Group: C

# of Sites: 2

Container ID: P-250ML-WI-THI

Qty: 2 Preservation: Na thiosulfate and Ice

Lot # 618005

Description: 250 ml Sterilized with tablet

Analysis

CD-FLR-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: QPCR-P-500ML

Qty: 2 Preservation: ICE

Lot # 00071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

PCR-HF183

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00071105

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

---

Bottle Group: D

# of Sites: 2

Container ID: P-250ML-WI-THI

Qty: 2 Preservation: Na thiosulfate and Ice

Lot # 618005

Description: 250 ml Sterilized with tablet

Analysis

CD-FLR-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: QPCR-P-500ML

Qty: 2 Preservation: ICE

Lot # 00071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

**Analysis**

PCR-FILTER

PCR-GULL2

**Description**

Preparation of Samples by Filtration and held for qPCR Analysis

Detection and quantification of coastal bird specific *Catellibacoccus marimammalium* Gull2 genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00071185

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

**Analysis**

W-E8321-DI

W-E8321-MS

**Description**

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

**Bottle Group: E**

**# of Sites: 1**

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: Na thiosulfate and Ice

Lot # 418005

Description: 250 ml Sterilized with tablet

**Analysis**

CD-FLR-ECQ

**Description**

*Escherichia coli* by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Cooler Packed By: J. D.

Number of Coolers: 2

Date: 9/7/18

**Kit must also include:**

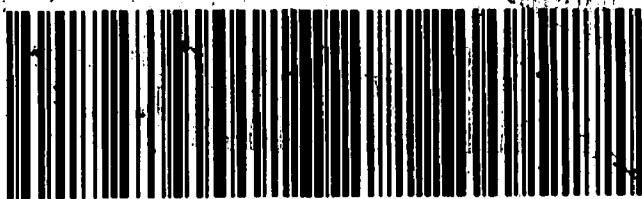
- ☒ Field Sheets
- ☐ Temperature Control Bottle
- ☐ FedEx Bills, if applicable
- ☐ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

**If Preservation Included:**

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

**PLEASE RETURN ALL COOLERS FOR RQ-2018-09-24-50**

FTD 5037366 26SEP18 ORLA 553C1/F78C/WCBA

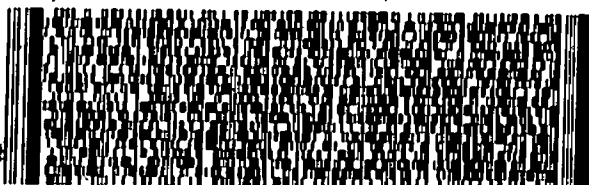


36 TLHA

32399  
FL-US  
TLH

FedEx  
TRK# 4385 5033 4710  
0221

THU - 27 SEP 10:30A  
PRIORITY OVERNIGHT



RMA: 01 000 000

TALLAHASSEE FL 32399

JOHN WATTS  
2600 BLAIRSTONE RD  
FLORIDA DEP/CHEMISTRY SECTION

ORIGIN ID: TLHA (407) 894-7555  
SHIP DATE: 07SEP18  
ACTIMST: 15.00 LB MAN  
CAD: 0446970/CAFE3210

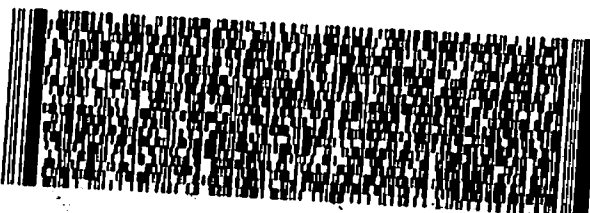
FTD 5037366 26SEP18 ORLA 553C1/F78C/WCBA



36 TLHA

32399  
FL-US  
TLH

FedEx  
TRK# 4385 5033 4720  
0221  
THU - 27 SEP 10:30A  
PRIORITY OVERNIGHT



RMA: 01 000 000

TALLAHASSEE FL 32399

JOHN WATTS  
2600 BLAIRSTONE RD  
FLORIDA DEP/CHEMISTRY SECTION

ORIGIN ID: TLHA (407) 894-7555  
SHIP DATE: 07SEP18  
ACTIMST: 15.00 LB MAN  
CAD: 0446970/CAFE3210