

# Log-in Checklist

RQ- 2019-01-28-52

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 1/29/19 @ 10:10

| 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 |                                                       |
| 0.3                 |                                        |          | 10                                    |               | ✓  |          |    | 4751 8775 6738                                        |
| 0.4                 |                                        |          | 12                                    |               | ✓  |          |    | 4751 8775 6749                                        |
| 1.4                 |                                        |          | KK <del>10</del> 11                   |               | ✓  |          |    | 4751 8775 6727                                        |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |

\* 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 below, fill out the back of this form (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       

## 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

| 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  |     | ✓  |
| W-PFAS-MS                                                                                            |     |    |            |     |    |

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

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

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

Coolers Unpacked/Checked by: KK Date: 1/29/19

NCRs (Y/N)? N

Event ID: 2019 SMP : P Cricks Part 1  
SO-DIST-2019-01-29-01 (SMP)  
 Date Received: 29-JAN-2019 10:10

NCR #

## 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_05-2018        |
| pH Paper 0.0 – 3.0 Lot #   |                    |
| pH Paper 0 – 13 Lot #      | 222516EXP: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   X  

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

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

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

### FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes\_\_\_\_\_ No\_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: SO-DIST

Requester: Nicole Reistad

Field Report Prepared By: Nicole Reistad

Project ID: SMP

Collected By: Maryann Dugan, Nicole Reistad

Sampling Agency: FDEP-SOROC

|           |  |                      |  |                                                                           |                                                            |                                 |                                                                                 |                                  |  |                               |
|-----------|--|----------------------|--|---------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------|----------------------------------|--|-------------------------------|
| Location  |  | Field ID/WIN ID      |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 01/28/19 Time 0945 |                                 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date Time       |  | Bottle Group(s)<br>(See pg 2) |
| Field ID  |  | Location<br>G3SD0120 |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                            | Diss. Oxygen<br>7.26            |                                                                                 | Total Res. Chlorine<br>(mg/L)    |  | A                             |
| WIN/STORE |  |                      |  | Temp (C)<br>15.5                                                          |                                                            | pH<br>7.36                      |                                                                                 | Sample Depth 0.3                 |  |                               |
| Latitude  |  | Longitude            |  | Salinity (ppt)<br>0.48                                                    |                                                            | Comments<br>E. coli @ Benchmark |                                                                                 | Sp. Conductance (umho/cm)<br>961 |  |                               |
| Field ID  |  | Location<br>G3SD0067 |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                            | Diss. Oxygen<br>8.49            |                                                                                 | Total Res. Chlorine<br>(mg/L)    |  | A                             |
| WIN/STORE |  |                      |  | Temp (C)<br>13.9                                                          |                                                            | pH<br>7.41                      |                                                                                 | Sample Depth 0.3                 |  |                               |
| Latitude  |  | Longitude            |  | Salinity (ppt)<br>0.33                                                    |                                                            | Comments<br>E. coli @ Benchmark |                                                                                 | Sp. Conductance (umho/cm)<br>676 |  |                               |
| Field ID  |  | Location<br>G3SD0132 |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                            | Diss. Oxygen<br>9.01            |                                                                                 | Total Res. Chlorine<br>(mg/L)    |  | B                             |
| WIN/STORE |  |                      |  | Temp (C)<br>12.1                                                          |                                                            | pH<br>5.81                      |                                                                                 | Sample Depth 0.3                 |  |                               |
| Latitude  |  | Longitude            |  | Salinity (ppt)<br>0.10                                                    |                                                            | Comments<br>E. coli @ Benchmark |                                                                                 | Sp. Conductance (umho/cm)<br>215 |  |                               |
| Field ID  |  | Location<br>G3SD0131 |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                            | Diss. Oxygen<br>8.55            |                                                                                 | Total Res. Chlorine<br>(mg/L)    |  | B                             |
| WIN/STORE |  |                      |  | Temp (C)<br>13.2                                                          |                                                            | pH<br>6.74                      |                                                                                 | Sample Depth 0.3                 |  |                               |
| Latitude  |  | Longitude            |  | Salinity (ppt)<br>0.14                                                    |                                                            | Comments<br>E. coli @ Benchmark |                                                                                 | Sp. Conductance (umho/cm)<br>290 |  |                               |

|                                |                         |                          |                                 |                    |                             |
|--------------------------------|-------------------------|--------------------------|---------------------------------|--------------------|-----------------------------|
| Relinquished By:<br>N. Reistad | Date/Time<br>01/28/2019 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>3 | Received By:<br>KK | Date/Time<br>1-29-19 @10:10 |
|--------------------------------|-------------------------|--------------------------|---------------------------------|--------------------|-----------------------------|

\* sample collection time taken from bottle

|          |              |                |                 |               |                            |                                                             |
|----------|--------------|----------------|-----------------|---------------|----------------------------|-------------------------------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab <u>2</u>                |
|          | ALKALINITY   |                |                 |               |                            |                                                             |
|          | TURBIDITY    |                |                 |               |                            |                                                             |
|          | W-CL-IC      |                |                 |               |                            |                                                             |
|          | W-COLOR      |                |                 |               |                            |                                                             |
|          | W-F          |                |                 |               |                            |                                                             |
|          | W-SO4-IC     |                |                 |               |                            |                                                             |
|          | W-TDS        |                |                 |               |                            |                                                             |
|          | W-TSS        |                |                 |               |                            |                                                             |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab <u>2</u>                |
|          | CHLSUITE-W   |                |                 |               |                            |                                                             |
| Group: A | Bottle Type: | P-250ML-WI-THI | # of Bottles: 2 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab <u>0; 2 @ Benchmark</u> |
|          | SD-BES-ECQ   |                |                 |               |                            |                                                             |
| Group: A | Bottle Type: | BG-500ML       | # of Bottles: 2 | Preservative: | CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab <u>2</u>                |
|          | W-CARB-AA    |                |                 |               |                            |                                                             |
| Group: A | Bottle Type: | BG-500ML       | # of Bottles: 6 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab <u>6</u>                |
|          | W-CT-CI-R    |                |                 |               |                            |                                                             |
|          | W-PCL-SQ-R   |                |                 |               |                            |                                                             |
| Group: A | 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: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab <u>2</u>                |
|          | W-ICP        |                |                 |               |                            |                                                             |
|          | W-ICPMS      |                |                 |               |                            |                                                             |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | ICE And H2SO4              | Enter Number of Bottles Sent to Lab <u>2</u>                |
|          | W-NH3        |                |                 |               |                            |                                                             |
|          | W-NO2NO3     |                |                 |               |                            |                                                             |
|          | W-S-A-TP     |                |                 |               |                            |                                                             |
|          | W-TKN        |                |                 |               |                            |                                                             |
|          | W-TOC        |                |                 |               |                            |                                                             |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 2 | Preservative: | FILTER-ICE                 | Enter Number of Bottles Sent to Lab <u>2</u>                |
|          | W-PO4-F      |                |                 |               |                            |                                                             |

|          |                                                                                                    |                |                 |                             |                                     |                  |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|-------------------------------------|------------------|
| Group: A | Bottle Type:<br>W-PSNP-TQ                                                                          | BG-1L          | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 6                |
| Group: B | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 2                |
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 2                |
| Group: B | Bottle Type:<br>SD-BES-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0; 2 @ Benchmark |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2                |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 2                |

Date of Request: 14-JAN-2019  
 Created By: REISTAD\_N On: 14-JAN-2019  
 Modified By: JASROTIA\_P On: 14-JAN-2019  
 Customer: SO-DIST  
 Project: SMP  
 Division:  
 District: South District  
 Sampling Event: 2019 SMP : P Cricks Part 1

**Send Coolers To:**

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

**Send Final Report To:**

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

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 14-JAN-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 14-JAN-2019  
 Sampling Kit Required: YES Ship on: 18-JAN-2019  
 Sampling Kit Shipped: YES On: 18-JAN-2019  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 28-JAN-2019  
 Received By:

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

Comments: Group A: (2041,1962) Freshwater with Metals, E.coli, Pesticides  
 Group B: (2028, 2033) Freshwater No Metals, E.coli

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                     |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                    |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                    |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |
| Bottle Type: BG-1L          | Number of Bottles: 6 | Preserved With: ICE                                                                                          |
| W-PSNP-TQ                   | Template: DEFAULT    | (EPA 8270D) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                           |
| Bottle Type: BP-1L          | Number of Bottles: 2 | 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: 2 | Preserved With: ICE                                                                                          |
| SD-BES-ECQ                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Benchmark EA South in North Port |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | Preserved With: CH <sub>2</sub> CICOOH Pre-Preserved                                                         |
| W-CARB-AA                   | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: BG-500ML       | Number of Bottles: 6 | Preserved With: ICE                                                                                          |
| W-CT-CI-R                   | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization            |
| W-PCL-SQ-R                  | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM                                         |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| W-E8321-DI                  | Template: DEFAULT    | (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 A (Water) With 2 Samples:**

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium               |                      |                                                                                                                                                |
| Calcium              |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron               |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | 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: 2 | 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-1L           | Number of Bottles: 2 | 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: BP-1L          | Number of Bottles: 2 | 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: 2 | Preserved With: ICE                                                                                          |
| SD-BES-ECQ                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Benchmark EA South in North Port |
| Bottle Type: P-500ML        | Number of Bottles: 2 | 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: 2 | 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                     |

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



Cooler Packing Worksheet for Request: RQ-2019-01-28-52

2019 SMP : P Cricks Part 1

Ship Cooler On: 1/17/2019

Customer/Project: SO-DIST/SMP

Assigned To: SHAIK\_A

Requester: Nicole Reistad

Priority: 3

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

Please return  
packing list with  
sample submittal  
forms.

Comments:

No preservatives needed.

Group A: (2041,1962) Freshwater with Metals, E.coli, Pesticides

Group B: (2028, 2033) Freshwater No Metals, E.coli

**Requested Analyses:**

**Bottle Group: A**

**# of Sites: 2**

Container ID: P-1L

Qty: 2

Preservation: ICE

Lot #

55071991

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

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

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

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

Container ID: BP-1L

Qty: 2

Preservation: ICE

Lot #

1238147

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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



Container ID: P-250ML-WI-THI Qty: 2 Preservation: ICE

Lot # L18244

Description: 250 ml Sterilized with tablet

Analysis  
SD-BES-ECQ

Description  
Escherichia coli by Colilert 18 Quanti-Tray method by Benchmark EA South in North Port

Container ID: BG-500ML

Qty: 2 Preservation: CH2CICOOH Pre-Preserved

Lot # 00072566

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis  
W-CARB-AA

Description  
Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 6 Preservation: ICE

Lot # 00072566

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis  
W-CT-CI-R  
W-PCL-SQ-R

Description  
Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization  
Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00072566

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

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00072570

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis  
W-ICP  
W-ICPMS

Description  
Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects  
Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00072570

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: 2 Preservation: FILTER-ICE

Lot # 00072854

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

Container ID: BG-1L

Qty: 6 Preservation: ICE

Lot # 00071178

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

**Analysis**

W-PSNP-TQ

**Description**

Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

**Bottle Group: B**

**# of Sites: 2**

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00071991

Description: Plastic Bottle 1L

**Analysis**

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

**Description**

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

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 038447

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-250ML-WI-THI

Qty: 2 Preservation: ICE

Lot # 018244

Description: 250 ml Sterilized with tablet

**Analysis**

SD-BES-ECQ

**Description**

Escherichia coli by Colilert 18 Quanti-Tray method by Benchmark EA South in North Port

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00072570

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: 2 Preservation: FILTER-ICE

Lot # 00072958

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

Cooler Packed By: ABP Number of Coolers: 3 Date: 1-19

Kit must also include:

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

If Preservation Included:

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| ID <u>MCA Solm</u> | Exp <u>1-11-20</u> | Lot # <u>98739</u> |
| ID _____           | Exp _____          | Lot # _____        |
| ID _____           | Exp _____          | Lot # _____        |
| ID _____           | Exp _____          | Lot # _____        |
| ID _____           | Exp _____          | Lot # _____        |

**PLEASE RETURN ALL COOLERS FOR RQ-2019-01-28-52**