

SMP\_Blue\_3/7

## Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SE-DIST

Requester: Jordan Skaggs

Field Report Prepared By: *Mark Daniel*

Project ID: SMP

Collected By: *Rachel Brewster*Sampling Agency: *21FWPB*

|                                            |                                                             |                                                                           |                                                                          |                               |                                                                            |                                           |                               |
|--------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------|-------------------------------------------|-------------------------------|
| Location<br><i>North New River Canal</i>   |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>03/08/16</i> Time <i>1130</i> |                               | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____    | Bottle Group(s)<br>(See pg 2) |
| Field ID<br><i>G4SENNR3_03082016</i>       |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br><i>fresh</i>                     |                                                                          | Diss. Oxygen<br><i>5.7</i>    | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____       | <i>A+C</i>                    |
| STORET #<br><i>G4SENNR3</i>                |                                                             | Temp (C)<br><i>7.5</i>                                                    | pH<br><i>7.5</i>                                                         | Sample Depth<br><i>0.3</i>    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><i>704</i>   |                               |
| Latitude<br><i>26.09935</i>                | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><i>-80.15007</i>                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms              | Salinity (ppt)<br><i>0.3</i>  | Comments                                                                   |                                           |                               |
| Location<br><i>ICWW @ HWY 826</i>          |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>03/08/16</i> Time <i>1235</i> |                               | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____    | Bottle Group(s)               |
| Field ID<br><i>G4SE0063_03082016</i>       |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br><i>estuarine</i>                 |                                                                          | Diss. Oxygen<br><i>6.6</i>    | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____       | <i>B</i>                      |
| STORET #<br><i>G4SE0063</i>                |                                                             | Temp (C)<br><i>21.2</i>                                                   | pH<br><i>7.7</i>                                                         | Sample Depth<br><i>0.3</i>    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><i>28941</i> |                               |
| Latitude<br><i>25.92611</i>                | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><i>-80.149285</i>                                            | <input type="checkbox"/> dd<br><input type="checkbox"/> dms              | Salinity (ppt)<br><i>17.8</i> | Comments                                                                   |                                           |                               |
| Location<br><i>C-10 canal @ Strling Rd</i> |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>3/8/16</i> Time <i>1350</i>   |                               | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____    | Bottle Group(s)               |
| Field ID<br><i>G4SE0036_03082016</i>       |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br><i>estuarine</i>                 |                                                                          | Diss. Oxygen<br><i>5.7</i>    | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____       | <i>B</i>                      |
| STORET #<br><i>G4SE0036</i>                |                                                             | Temp (C)<br><i>23.5</i>                                                   | pH<br><i>7.5</i>                                                         | Sample Depth<br><i>0.3</i>    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><i>16340</i> |                               |
| Latitude<br><i>26.018094</i>               | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><i>-80.155422</i>                                            | <input type="checkbox"/> dd<br><input type="checkbox"/> dms              | Salinity (ppt)<br><i>9.6</i>  | Comments                                                                   |                                           |                               |
| Location<br><i>New River (North Fork)</i>  |                                                             | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date <i>03/08/16</i> Time <i>1420</i> |                               | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____    | Bottle Group(s)               |
| Field ID<br><i>G4SEB064_03082016</i>       |                                                             | Matrix (type, e.g., Salt, Fresh, etc)<br><i>estuarine</i>                 |                                                                          | Diss. Oxygen<br><i>11.0</i>   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____       | <i>B</i>                      |
| STORET #<br><i>G4SEB064</i>                |                                                             | Temp (C)<br><i>23.6</i>                                                   | pH<br><i>7.7</i>                                                         | Sample Depth<br><i>0.3</i>    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br><i>581</i>   |                               |
| Latitude<br><i>26.12891632</i>             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><i>-80.17581452</i>                                          | <input type="checkbox"/> dd<br><input type="checkbox"/> dms              | Salinity (ppt)<br><i>0.28</i> | Comments                                                                   |                                           |                               |

|                                        |                                 |                                 |              |           |                  |           |                            |                                  |
|----------------------------------------|---------------------------------|---------------------------------|--------------|-----------|------------------|-----------|----------------------------|----------------------------------|
| Relinquished By:<br><i>Mark Daniel</i> | Date/Time<br><i>1100 3/8/16</i> | Shipping Method<br><i>fedex</i> | Received By: | Date/Time | Relinquished By: | Date/Time | Received By:<br><i>MLB</i> | Date/Time<br><i>3/9/16/10:50</i> |
|----------------------------------------|---------------------------------|---------------------------------|--------------|-----------|------------------|-----------|----------------------------|----------------------------------|

|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |         |                 |               |               |                                           |
|          | TURBIDITY    |         |                 |               |               |                                           |
|          | W-CL-IC      |         |                 |               |               |                                           |
|          | W-COLOR      |         |                 |               |               |                                           |
|          | W-F          |         |                 |               |               |                                           |
|          | W-SO4-IC     |         |                 |               |               |                                           |
|          | W-TDS        |         |                 |               |               |                                           |
|          | W-TSS        |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | BOD-UNIN     |         |                 |               |               |                                           |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab _____ |
|          | W-ICP        |         |                 |               |               |                                           |
|          | W-ICPMS      |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3        |         |                 |               |               |                                           |
|          | W-NO2NO3     |         |                 |               |               |                                           |
|          | W-S-A-TP     |         |                 |               |               |                                           |
|          | W-TKN        |         |                 |               |               |                                           |
|          | W-TOC        |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |         |                 |               |               |                                           |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |         |                 |               |               |                                           |
|          | TURBIDITY    |         |                 |               |               |                                           |
|          | W-F          |         |                 |               |               |                                           |
|          | W-SO4-IC     |         |                 |               |               |                                           |
|          | W-TDS        |         |                 |               |               |                                           |
|          | W-TSS        |         |                 |               |               |                                           |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | BOD-UNIN     |         |                 |               |               |                                           |

SMP\_Blue\_3/7

## Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SE-DIST

Requester: Jordan Skaggs

Field Report Prepared By: matt seidl

Project ID: SMP

Collected By: Matt Rachel Brenner

Sampling Agency: 21 FWPB

|                                        |                                                                        |                                                                           |                                                                            |                               |                                                                            |                                           |                                         |
|----------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|
| Location<br><u>C-12 @ Amy 441</u>      |                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>03/08/2016</u> Time <u>1500</u> | Eastern<br>Central            | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)<br><u>A</u> |                                         |
| Field ID<br><u>G4SEB121 - 03082016</u> |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                            | Diss. Oxygen<br><u>10.8</u>   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                           | Total Res. Chlorine<br>(mg/L) _____     |
| STORET #<br><u>G4SEB121</u>            |                                                                        | Temp (C)<br><u>21.8</u>                                                   | pH<br><u>8.2</u>                                                           | Sample Depth<br><u>0.3</u>    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       |                                           | Sp. Conductance<br>(umho/cm) <u>258</u> |
| Latitude<br><u>26.135415</u>           | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><u>-80.20400</u>                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                | Salinity (ppt)<br><u>0.1</u>  | Comments                                                                   |                                           |                                         |
| Location<br><u>C-12 @ 41th Ave</u>     |                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>03/08/2016</u> Time <u>1530</u> | Eastern<br>Central            | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br><u>A</u>               |                                         |
| Field ID<br><u>G4SEB128 - 03082016</u> |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |                                                                            | Diss. Oxygen<br><u>10.9</u>   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                                           | Total Res. Chlorine<br>(mg/L) _____     |
| STORET #<br><u>G4SEB128</u>            |                                                                        | Temp (C)<br><u>22.4</u>                                                   | pH<br><u>8.0</u>                                                           | Sample Depth<br><u>0.3</u>    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       |                                           | Sp. Conductance<br>(umho/cm) <u>288</u> |
| Latitude<br><u>26.135507</u>           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Longitude<br><u>-80.212524</u>                                            | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                | Salinity (ppt)<br><u>0.14</u> | Comments                                                                   |                                           |                                         |
| Location                               |                                                                        | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                   | Eastern<br>Central            | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                           |                                         |
| Field ID                               |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                            | Diss. Oxygen                  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |                                           | Total Res. Chlorine<br>(mg/L)           |
| STORET #                               |                                                                        | Temp (C)                                                                  | pH                                                                         | Sample Depth                  | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  |                                           | Sp. Conductance<br>(umho/cm)            |
| Latitude                               | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                | Salinity (ppt)                | Comments                                                                   |                                           |                                         |
| Location                               |                                                                        | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____                   | Eastern<br>Central            | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                           |                                         |
| Field ID                               |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                            | Diss. Oxygen                  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |                                           | Total Res. Chlorine<br>(mg/L)           |
| STORET #                               |                                                                        | Temp (C)                                                                  | pH                                                                         | Sample Depth                  | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  |                                           | Sp. Conductance<br>(umho/cm)            |
| Latitude                               | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                | Salinity (ppt)                | Comments                                                                   |                                           |                                         |

|                                    |                               |                               |                    |                  |                        |                  |                         |                                |
|------------------------------------|-------------------------------|-------------------------------|--------------------|------------------|------------------------|------------------|-------------------------|--------------------------------|
| Relinquished By: <u>matt seidl</u> | Date/Time: <u>3/8/16 1700</u> | Shipping Method: <u>fedex</u> | Received By: _____ | Date/Time: _____ | Relinquished By: _____ | Date/Time: _____ | Received By: <u>NCO</u> | Date/Time: <u>3/9/16/10:50</u> |
|------------------------------------|-------------------------------|-------------------------------|--------------------|------------------|------------------------|------------------|-------------------------|--------------------------------|

|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |         |                 |               |               |                                           |
|          | TURBIDITY    |         |                 |               |               |                                           |
|          | W-CL-IC      |         |                 |               |               |                                           |
|          | W-COLOR      |         |                 |               |               |                                           |
|          | W-F          |         |                 |               |               |                                           |
|          | W-SO4-IC     |         |                 |               |               |                                           |
|          | W-TDS        |         |                 |               |               |                                           |
|          | W-TSS        |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | BOD-UNIN     |         |                 |               |               |                                           |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab _____ |
|          | W-ICP        |         |                 |               |               |                                           |
|          | W-ICPMS      |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3        |         |                 |               |               |                                           |
|          | W-NO2NO3     |         |                 |               |               |                                           |
|          | W-S-A-TP     |         |                 |               |               |                                           |
|          | W-TKN        |         |                 |               |               |                                           |
|          | W-TOC        |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |         |                 |               |               |                                           |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |         |                 |               |               |                                           |
|          | TURBIDITY    |         |                 |               |               |                                           |
|          | W-F          |         |                 |               |               |                                           |
|          | W-SO4-IC     |         |                 |               |               |                                           |
|          | W-TDS        |         |                 |               |               |                                           |
|          | W-TSS        |         |                 |               |               |                                           |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | BOD-UNIN     |         |                 |               |               |                                           |

Date of Request: 03-FEB-2016  
 Created By: SKAGGS\_J On: 03-FEB-2016  
 Modified By: SWANSON\_C On: 10-FEB-2016  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Sampling Event: SMP\_Blue\_3/7

**Send Coolers To:**

Phone: (772) 579-3039  
 FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs

Program Module Number: 1306  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 10-FEB-2016  
 Biology Request Reviewed By: SWANSON\_C On: 10-FEB-2016  
 Sampling Kit Required: YES Ship on: 26-FEB-2016  
 Sampling Kit Shipped: YES On: 24-FEB-2016  
 Sampling Kit Packed By: KITCHEN\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 07-MAR-2016  
 Received By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs

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

Comments:

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                       |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR               | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                      |
| Color (true)          |                      |                                                                                                                                                |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                           |
| W-SO <sub>4</sub> -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                                                                                      |
| Bottle Type: P-1L     | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| BOD-UNIN              | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                                                        |
| Bottle Type: BP-1L    | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W            | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry                             |
| Bottle Type: P-500ML  | Number of Bottles: 3 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| 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 |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |
| W-ICPMS               | Template: PRTY       | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic               |                      |                                                                                                                                                |
| Cadmium               |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template: PRTY       | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

Chromium  
Copper  
Lead  
Silver

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | 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: 3 | Preserved With: ICE-FLTR                                                                 |
| 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 3 Samples:**

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | 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 |

Chromium  
Iron  
Zinc

|         |                |                                                                                                                             |
|---------|----------------|-----------------------------------------------------------------------------------------------------------------------------|
| W-ICPMS | Template: PRTY | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
|---------|----------------|-----------------------------------------------------------------------------------------------------------------------------|

Arsenic  
Cadmium  
Copper  
Lead  
Nickel  
Silver

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | 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: 3 | Preserved With: ICE-FLTR                                                                 |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 3 | 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-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 |

|                   |                      |                                         |
|-------------------|----------------------|-----------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 3 | Preserved With: ICE                     |
| BOD-UNIN          | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited |

|                    |                      |                                                                                                                    |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 3 | Preserved With: ICE                                                                                                |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |

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

|                    |                      |                                                                                        |
|--------------------|----------------------|----------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 1 | Preserved With: ICE                                                                    |
| W-AHERB-AA         | Template:            | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS |
| W-GLYPH            | Template: DEFAULT    | (EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS                                 |
| W-UHERB-AA         | Template:            | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS   |

|                    |                      |                                                                                                                    |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| W-PC-AA-SF         | Template:            | (DEP SOP: GC-011-5 (based on EPA 608 and 617)) Organochlorine pesticides (low levels) in water matrices by GC/ECD. |

|                    |                      |                     |
|--------------------|----------------------|---------------------|
| Bottle Type: BG-1L | Number of Bottles: 4 | Preserved With: ICE |
|--------------------|----------------------|---------------------|

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

Bottle Type: BG-1L

Number of Bottles: 4

Preserved With: ICE

W-PSNP-TQ      Template:

(EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by  
GC/MS/MS

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

# Log-in Checklist

RQ- 2016-03-0714

Shipping Method: Fedex

Date/Time of Receipt: 3/9/16/10:50

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | -0.4                | 19                              |               | ✓  |          |    | 7825 4961 1990                                        |
| Red       | 0.7                 | 18                              |               | ✓  |          |    | 7825 4961 2004                                        |
| Blue      | -0.1                | 8                               |               | ✓  |          |    | 8092 3436 1356                                        |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*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 ☐

## 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 (Blue dot on container)

| 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    |     | <input checked="" type="checkbox"/> |
| W-AHERB-AA (-AHB-AA-R)                                                                               |     | <input checked="" type="checkbox"/> | W-PCL-SQ (-R) |     |                                     |
| W-BNA (-625, -R)                                                                                     |     |                                     | W-PDQUAT      |     |                                     |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |                                     | W-PESTNP-R    |     |                                     |
| W-ENDO-AA                                                                                            |     |                                     | W-PSCL-TQ     |     |                                     |
| W-GLYPH                                                                                              |     | <input checked="" type="checkbox"/> | W-PSNP-TQ     |     | <input checked="" type="checkbox"/> |
| W-NP-AA-SF                                                                                           |     |                                     | W-PST-CL-R    |     |                                     |
| W-PAH (-R)                                                                                           |     |                                     | W-TR-TQ       |     |                                     |
| W-PCB-R                                                                                              |     |                                     |               |     |                                     |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: MB

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

Coolers Unpacked/Checked by: MB Date: 3/9/16 NCRs (Y/N)? N

Event ID: SE-DIST-2016-03-09-01 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 |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |
|          |                   |              |

## ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes \_\_\_\_\_ No ✓

Date and Time Placed in Freezer \_\_\_\_\_

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

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

#### FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

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

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

**Additional Comments:**