

Lorraine/ Silver/ Apopka-Beau

## Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Project ID: SMP

Collected By:

Mike Linger / Terry Riordan

Sampling Agency:

FDEP CE-Roc

|          |                                                             |           |                                                                           |          |                                 |                                                                      |                                                                            |                            |
|----------|-------------------------------------------------------------|-----------|---------------------------------------------------------------------------|----------|---------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------|
| Location | Apopka Beauclair Canal @ 200m S of Lock                     |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |          | Collection (comp begin or grab) | Eastern<br>Central                                                   | Composite end                                                              | Bottle Group(s)            |
| Field ID | G1CE0025<br>Field ID ↑<br>STORET ↓<br>G1CE0025              |           | Date                                                                      | 10/4/17  | Time                            | 13:36                                                                | Date                                                                       | Time                       |
| STORET # | Date: 04/10/2017<br>RQ-2017-03-20-52                        |           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Fresh    |                                 | Diss. Oxygen                                                         | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L) |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Temp (C) | 22.4                            | pH                                                                   | 7.8                                                                        | Sample Depth               |
|          |                                                             |           | Salinity (ppt)                                                            |          |                                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm)                                                  | 546                        |
| Comments |                                                             |           |                                                                           |          |                                 |                                                                      |                                                                            |                            |

|          |                                                             |           |                                                                |          |                                 |                                                           |                                                                 |                            |
|----------|-------------------------------------------------------------|-----------|----------------------------------------------------------------|----------|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|----------------------------|
| Location |                                                             |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab |          | Collection (comp begin or grab) | Eastern<br>Central                                        | Composite end                                                   | Bottle Group(s)            |
| Field ID |                                                             |           | Date                                                           |          | Time                            |                                                           | Date                                                            | Time                       |
| STORET # |                                                             |           | Matrix (type, e.g., Salt, Fresh, etc)                          |          |                                 | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L) |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms    | Temp (C) |                                 | pH                                                        |                                                                 | Sample Depth               |
|          |                                                             |           | Salinity (ppt)                                                 |          |                                 | <input type="checkbox"/> ft<br><input type="checkbox"/> m | Sp. Conductance (umho/cm)                                       |                            |
| Comments |                                                             |           |                                                                |          |                                 |                                                           |                                                                 |                            |

|          |                                                             |           |                                                                |          |                                 |                                                           |                                                                 |                            |
|----------|-------------------------------------------------------------|-----------|----------------------------------------------------------------|----------|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|----------------------------|
| Location |                                                             |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab |          | Collection (comp begin or grab) | Eastern<br>Central                                        | Composite end                                                   | Bottle Group(s)            |
| Field ID |                                                             |           | Date                                                           |          | Time                            |                                                           | Date                                                            | Time                       |
| STORET # |                                                             |           | Matrix (type, e.g., Salt, Fresh, etc)                          |          |                                 | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L) |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms    | Temp (C) |                                 | pH                                                        |                                                                 | Sample Depth               |
|          |                                                             |           | Salinity (ppt)                                                 |          |                                 | <input type="checkbox"/> ft<br><input type="checkbox"/> m | Sp. Conductance (umho/cm)                                       |                            |
| Comments |                                                             |           |                                                                |          |                                 |                                                           |                                                                 |                            |

|          |                                                             |           |                                                                |          |                                 |                                                           |                                                                 |                            |
|----------|-------------------------------------------------------------|-----------|----------------------------------------------------------------|----------|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|----------------------------|
| Location |                                                             |           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab |          | Collection (comp begin or grab) | Eastern<br>Central                                        | Composite end                                                   | Bottle Group(s)            |
| Field ID |                                                             |           | Date                                                           |          | Time                            |                                                           | Date                                                            | Time                       |
| STORET # |                                                             |           | Matrix (type, e.g., Salt, Fresh, etc)                          |          |                                 | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L) |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms    | Temp (C) |                                 | pH                                                        |                                                                 | Sample Depth               |
|          |                                                             |           | Salinity (ppt)                                                 |          |                                 | <input type="checkbox"/> ft<br><input type="checkbox"/> m | Sp. Conductance (umho/cm)                                       |                            |
| Comments |                                                             |           |                                                                |          |                                 |                                                           |                                                                 |                            |

|                  |              |                 |                            |              |              |
|------------------|--------------|-----------------|----------------------------|--------------|--------------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time    |
| MKL              | 4/10/17 1530 | FEDEX           | 2                          | J.O.         | 4/11/17 9:55 |

|          |              |          |                 |               |               |                                     |   |
|----------|--------------|----------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L     | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ALKALINITY   |          |                 |               |               |                                     |   |
|          | TURBIDITY    |          |                 |               |               |                                     |   |
|          | W-CL-IC      |          |                 |               |               |                                     |   |
|          | W-COLOR      |          |                 |               |               |                                     |   |
|          | W-F          |          |                 |               |               |                                     |   |
|          | W-SO4-IC     |          |                 |               |               |                                     |   |
|          | W-TDS        |          |                 |               |               |                                     |   |
|          | W-TSS        |          |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L    | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W   |          |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML  | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1 |
|          | W-ICP        |          |                 |               |               |                                     |   |
|          | W-ICPMS      |          |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML  | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |
|          | W-NH3        |          |                 |               |               |                                     |   |
|          | W-NO2NO3     |          |                 |               |               |                                     |   |
|          | W-S-A-TP     |          |                 |               |               |                                     |   |
|          | W-TKN        |          |                 |               |               |                                     |   |
|          | W-TOC        |          |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML  | # of Bottles: 1 | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PO4-F      |          |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BG-1L    | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | W-AHERB-AA   |          |                 |               |               |                                     |   |
|          | W-GLYPH      |          |                 |               |               |                                     |   |
|          | W-SUC-AA-R   |          |                 |               |               |                                     |   |
|          | W-UHERB-AA   |          |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BG-500ML | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PCL-SQ-R   |          |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BG-1L    | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PSNP-TQ    |          |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BG-1L    | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PYR-AA-R   |          |                 |               |               |                                     |   |

|          |                                                                                                         |                 |                             |                                     |   |
|----------|---------------------------------------------------------------------------------------------------------|-----------------|-----------------------------|-------------------------------------|---|
| Group: C | Bottle Type: P-250ML-WI-THI<br>CD-FLR-ECQ                                                               | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0 |
| Group: C | Bottle Type: QPCR-P-250ML<br>PCR-FILTER                                                                 | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0 |
| Group: C | Bottle Type: BG-1L<br>W-SUC-AA-R<br>W-UHERB-AA                                                          | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0 |
| Group: D | Bottle Type: P-250ML-WI-THI<br>CD-FLR-ECQ                                                               | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0 |
| Group: E | Bottle Type: P-1L<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0 |
| Group: E | Bottle Type: BP-1L<br>CHLSUITE-W                                                                        | # of Bottles: 1 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0 |
| Group: E | Bottle Type: P-500ML<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                 | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 0 |
| Group: E | Bottle Type: P-125ML<br>W-PO4-F                                                                         | # of Bottles: 1 | Preservative: ICE-FLTR      | Enter Number of Bottles Sent to Lab | 0 |

Date of Request: 02-MAR-2017  
 Created By: LINGER\_M On: 02-MAR-2017  
 Modified By: MATTHEWS\_D On: 06-MAR-2017  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Sampling Event: Lorraine/ Silver/ Apopka-Beau

**Send Coolers To:**

Phone: 407-894-4180  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Michael Linger

Program Module Number: 1306  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 06-MAR-2017  
 Biology Request Reviewed By: MATTHEWS\_D On: 06-MAR-2017  
 Sampling Kit Required: YES Ship on: 13-MAR-2017  
 Sampling Kit Shipped: YES On: 13-MAR-2017  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 20-MAR-2017  
 Received By: REYNOLDS\_T On: 22-MAR-2017

**Send Final Report To:**

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

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

Comments: A: Apopka (Kit C)  
 B: Apopka - Pesticides  
 C: Lorraine (2), Silver (ECQ, T, M)  
 D: Apopka (ECQ)  
 E: Lorraine (Kit A)

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg 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: BP-1L    | Number of Bottles: 1 | 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: 1 | 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               |                      |                                                                                                                                                |
| Chromium              |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |

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

|                                                |                      |                                                                                                                             |
|------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML                           | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS                                        | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
| Arsenic<br>Cadmium<br>Copper<br>Lead<br>Silver |                      |                                                                                                                             |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices      |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: 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 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-SUC-AA-R         | Template: DEFAULT    | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS                      |
| W-UHERB-AA         | Template: DEFAULT    | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS   |

|                       |                      |                                                                      |
|-----------------------|----------------------|----------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 4 | Preserved With: ICE                                                  |
| W-PCL-SQ-R            | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM |

|                    |                      |                                                                                                        |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 4 | Preserved With: ICE                                                                                    |
| W-PSNP-TQ          | Template: DEFAULT    | (EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS |

|                    |                      |                                                            |
|--------------------|----------------------|------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 1 | Preserved With: ICE                                        |
| W-PYR-AA-R         | Template: DEFAULT    | (EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS |

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

|              |                      |                                                                                                                             |
|--------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: | Number of Bottles: 3 | Preserved With: ICE                                                                                                         |
| CD-FLR-ECQ   | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District |

|                           |                      |                                                                               |
|---------------------------|----------------------|-------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-250ML | Number of Bottles: 6 | Preserved With: ICE                                                           |
| PCR-FILTER                | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis |

|                    |                      |                                                                                      |
|--------------------|----------------------|--------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 3 | Preserved With: ICE                                                                  |
| W-SUC-AA-R         | Template: DEFAULT    | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS                    |
| W-UHERB-AA         | Template: DEFAULT    | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS |

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

|              |                      |                                                                                                                             |
|--------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: | Number of Bottles: 1 | Preserved With: ICE                                                                                                         |
| CD-FLR-ECQ   | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District |

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

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                  |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                   |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                    |
| W-COLOR           | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                            |
| Color (true)      |                      |                                                                                                      |
| W-F               | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |

|          |                   |                                                           |
|----------|-------------------|-----------------------------------------------------------|
| W-SO4-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices          |
| W-TDS    | Template: DEFAULT | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices |
| W-TSS    | Template: DEFAULT | (SM 2540 D-97) Total Suspended Solids in aqueous matrices |

|                    |                      |                                                                                                                    |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 1 | 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: 1 | Preserved With: ICE And H2SO4                                      |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L         |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: ICE-FLTR                                                                 |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

# Log-in Checklist

RQ- 2017-03-20-52

Shipping Method: FedEx

Date/Time of Receipt: 4/11/17 9:55

| 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       | 2.3°C               | 8                               |               | ✓  | ✓        |    |                                                       |
| RED       | 0.9°C               | 7                               |               | ✓  |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

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

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

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

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

Coolers Unpacked/Checked by: J.D. Date: 4/11/17 NCRs (Y/N)? ☐

Event ID: CEM-DIST-2017-04-11-02 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 – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

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

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

**Additional Comments:**

01000

**FedEx**  
ExpressPackage  
US AirbillFedEx  
Tracking  
Number

8111 7111 8466

03298

fedex.com 1800.GoFedEx 1800.463.3339

06325007

**1 From**  
Date 4/10/17  
Sender's Name Mike Linger Phone 407 857-4100  
Company FDEP  
Address 3319 Maguire Blvd Dept./Floor/Suite/Room  
City Orlando State FL ZIP 32803

**2 Your Internal Billing Reference**

**3 To**  
Recipient's Name \_\_\_\_\_ Phone 850 245-8085  
Company FLORIDA DEP/CHEMISTRY SECTION  
Address 2600 BLAIRSTONE RD Dept./Floor/Suite/Room  
We cannot deliver to P.O. boxes or P.O. ZIP codes.  
Address \_\_\_\_\_  
Use this line for the HOLD location address or for continuation of your shipping address.  
City TALLAHASSEE State FL ZIP 32399-6542



8111 7111 8466

0125636852

Form  
ID No. 0215

Recipient's Copy

**4 Express Package Service** \*To most locations.Packages up to 150 lbs.  
For packages over 150 lbs., use the  
FedEx Express Freight US Airbill.**Next Business Day**

- ☐ FedEx First Overnight  
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☒ FedEx Priority Overnight  
Next business morning. \* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Standard Overnight  
Next business afternoon. \* Saturday Delivery NOT available.

**2 or 3 Business Days**

- ☐ FedEx 2Day A.M.  
Second business morning. \* Saturday Delivery NOT available.
- ☐ FedEx 2Day  
Second business afternoon. \* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Express Saver  
Third business day. \* Saturday Delivery NOT available.

**5 Packaging** \*Declared value limit \$500.

- ☐ FedEx Envelope\* ☐ FedEx Pak\* ☐ FedEx Box ☐ FedEx Tube ☒ Other

**6 Special Handling and Delivery Signature Options** Fees may apply. See the FedEx Service Guide.

- ☐ Saturday Delivery  
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.
- ☐ No Signature Required  
Package may be left without obtaining a signature for delivery.
- ☐ Direct Signature  
Someone at recipient's address may sign for delivery.
- ☐ Indirect Signature  
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

**Does this shipment contain dangerous goods?**

One box must be checked.

- ☒ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry Ice, 9, UN 1845 \_\_\_\_\_ x \_\_\_\_\_ kg
- ☐ Cargo Aircraft Only

**7 Payment Bill to:**

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.  
Acct. No. ☐

- Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages

Total Weight

Credit Card Auth.

\*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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01000

Package  
US AirbillFedEx  
Tracking  
Number

8111 7111 8455

03298

fedex.com 1800.GoFedEx 1800.463.3339

06325007

**1 From**  
 Date 4/16/17  
 Sender's Name Mike Linger Phone 407 897-1100  
 Company FOEP  
 Address 3315 Maguire Blvd  
 City Orlando State FL ZIP 32803

**2 Your Internal Billing Reference**

**3 To**  
 Recipient's Name \_\_\_\_\_ Phone 850 245-8085  
 Company FLORIDA DEP/CHEMISTRY SECTION  
 Address 2600 BLAIRSTONE RD  
 We cannot deliver to P.O. boxes or P.O. ZIP codes.  
 Address \_\_\_\_\_  
 Use this line for the HOLD location address or for continuation of your shipping address.  
 City TALLAHASSEE State FL ZIP 32399-6542

Hold Weekday  
 FedEx location address  
 REQUIRED. NOT available for  
 FedEx First Overnight.

Hold Saturday  
 FedEx location address  
 REQUIRED. Available ONLY for  
 FedEx Priority Overnight and  
 FedEx 2Day to select locations.



8111 7111 8455

Form  
ID No. 0215

Recipient's Copy

**4 Express Package Service**

\* To most locations.

Packages up to 150 lbs.  
 For packages over 150 lbs., use the  
 FedEx Express Freight US Airbill.

**Next Business Day**

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 Earliest next business morning delivery to select  
 locations. Friday shipments will be delivered on  
 Monday unless Saturday Delivery is selected.

☒ FedEx Priority Overnight  
 Next business morning.\* Friday shipments will be  
 delivered on Monday unless Saturday Delivery  
 is selected.

☐ FedEx Standard Overnight  
 Next business afternoon.\*  
 Saturday Delivery NOT available.

**2 or 3 Business Days**

☐ FedEx 2Day A.M.  
 Second business morning.\*  
 Saturday Delivery NOT available.

☐ FedEx 2Day  
 Second business afternoon.\* Thursday shipments  
 will be delivered on Monday unless Saturday  
 Delivery is selected.

☐ FedEx Express Saver  
 Third business day.\*  
 Saturday Delivery NOT available.

**5 Packaging** \*Declared value limit \$500.

☐ FedEx Envelope\* ☐ FedEx Pak\* ☐ FedEx Box ☐ FedEx Tube ☒ Other

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☐ Saturday Delivery  
 NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

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☐ Indirect Signature  
 If no one is available at recipient's  
 address, someone at a neighboring  
 address may sign for delivery. For  
 residential deliveries only.

**Does this shipment contain dangerous goods?**

One box must be checked.

☒ No ☐ Yes  
 As per attached  
 Shipper's Declaration.

☐ Yes  
 Shipper's Declaration  
 not required.

☐ Dry Ice  
 Dry ice, 5, UN 1845 \_\_\_\_\_ kg

☐ Cargo Aircraft Only

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

**7 Payment Bill to:**

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.  
Acct. No. ☐

☐ Sender  
 Acct. No. in Section  
 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages

Total Weight

Credit Card Auth.

\*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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