

Freeman Creek, Stafford Creek and Soapstone Branch

## Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By:

Project ID: SMP

Collected By:

Benjamin Ralys

Sampling Agency:

FDEP

|                                                               |  |                                                                           |  |                                                              |  |                                                                                 |  |                                                                      |  |                                 |  |
|---------------------------------------------------------------|--|---------------------------------------------------------------------------|--|--------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|---------------------------------|--|
| Location<br>Freeman Creek upstream of SR 267 (Bloxham Cutoff) |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 01-19-2016 Time 0925 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date Time                                           |  | Bottle Group(s)<br>(See pg 2)   |  |
| Field ID<br>GIWA0010                                          |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |  | Diss. Oxygen<br>9.37                                         |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      |  | Total Res. Chlorine<br>(mg/L)                                        |  | AIC                             |  |
| STORET #<br>GIWA0010                                          |  | Temp (C)<br>8.80                                                          |  | pH<br>3.26                                                   |  | Sample Depth<br>1.0                                                             |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  | Sp. Conductance (umho/cm)<br>61 |  |
| Latitude<br>30.3887                                           |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Longitude<br>-84.5844                                        |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms          |  | Salinity (ppt)<br>0.03                                               |  | Comments                        |  |
| Location<br>Soapstone Branch 100 meters upstream of SR 375    |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 01-19-2016 Time 1355 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date Time                                           |  | Bottle Group(s)                 |  |
| Field ID<br>GIWA0012                                          |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |  | Diss. Oxygen<br>10.86                                        |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      |  | Total Res. Chlorine<br>(mg/L)                                        |  | AIC                             |  |
| STORET #<br>GIWA0012                                          |  | Temp (C)<br>9.21                                                          |  | pH<br>3.91                                                   |  | Sample Depth<br>0.5                                                             |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  | Sp. Conductance (umho/cm)<br>56 |  |
| Latitude<br>30.38625                                          |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Longitude<br>-84.6355                                        |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms          |  | Salinity (ppt)<br>0.03                                               |  | Comments                        |  |
| Location                                                      |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date Time                 |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> 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 (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                 |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> 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 (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: | Date/Time      | Shipping Method | Received By: | Date/Time | Relinquished By: | Date/Time | Received By: | Date/Time      |
| Waters messen    | 1/19/16 / 3:05 |                 |              |           |                  |           | ALB          | 1/19/16 / 3:05 |

|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| 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-NO2        |         |                 |               |               |                                           |
|          | 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 _____ |
|          | CHL-CORR-W   |         |                 |               |               |                                           |
| 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: | PT-50ML | # of Bottles: 2 | Preservative: | **NONE**      | Enter Number of Bottles Sent to Lab _____ |
|          | ALGAL_ID     |         |                 |               |               |                                           |
| Group: C | Bottle Type: | PJ-2L   | # of Bottles: 2 | Preservative: | Formalin      | Enter Number of Bottles Sent to Lab _____ |
|          | MI-FW-QLDC   |         |                 |               |               |                                           |

Date of Request: 04-JAN-2016  
 Created By: RALYS\_B On: 04-JAN-2016  
 Modified By: MILLER\_EB On: 08-JAN-2016  
 Customer: WQAP  
 Project: SMP  
 Division:  
 District:  
 Sampling Event: Freeman Creek, Stafford Creek and Soapstone Branch

**Send Coolers To:**

Phone: 850-245-8443  
 2600 Blair Stone Rd  
 MS #3560  
 Tallahassee, FL 32399-2400  
 Attn: Benjamin Ralys

**Program Module Number:**

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 07-JAN-2016  
 Biology Request Reviewed By: MILLER\_EB On: 08-JAN-2016  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped: YES On: 06-JAN-2016  
 Sampling Kit Packed By: KITCHEN\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 19-JAN-2016  
 Received By: BOWDEN\_M On: 19-JAN-2016

**Send Final Report To:**

2600 Blair Stone Rd  
 MS #3560  
 Tallahassee, FL 32399-2400  
 Attn: Benjamin Ralys

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

Comments: Log Group C as a separate event, Priority 12.

**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 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-NO2                | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite in aqueous matrices as mg N/L                                                       |
| 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                                                                                              |
| CHL-CORR-W           | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a (corrected for phaeophytin) and phaeophytin by spectrophotometry |
| 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 (Biological) With 2 Samples:**

Bottle Type: PT-50ML      Number of Bottles: 2      Preserved With: ICE  
 ALGAL\_ID      Template: DEFAULT      (SOP-AB05) Qualitative assessment of algal taxa present without counts

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

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

Bottle Type: PJ-2L      Number of Bottles: 4      Preserved With: Formalin  
MI-FW-QLDC      Template: DEFAULT      (SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

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

# Log-in Checklist

RQ- 2016-01-18-38

Shipping Method: H.D.

Date/Time of Receipt: 1/19/16/3:05pm

| 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       | -1.6                | 14                              |               | ✓  |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*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    |     |    |
| W-AHERB-AA (-AHB-AA-R)                                                                               |     |    | 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                                                                                              |     |    | W-PSNP-TQ     |     |    |
| 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: 1/19/16 NCRs (Y/N)? N

Event ID: WQAP-2016-01-19-01 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:**