

# Login Checklist

RQ- **2020- 09 - 14 - 32**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **09-23-20 / 14:20**

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 4.9c                |                 |                                        |          | 22                                    |               | x  |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. **NCR#** \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. **NCR#** \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. **NCR#** \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. **NCR#** \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes **X** No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes \_\_\_\_\_ No **X**

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA **X**

Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_

Containers intact? Yes **X** No \_\_\_\_\_

Caps on tight?

Yes **X** No \_\_\_\_\_

Sufficient Sample Volume:

Yes **X** No \_\_\_\_\_

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. **NCR#** \_\_\_\_\_

**CHLORINE CHECK REQUIRED?** (Blue dot on container)

Yes **X** No \_\_\_\_\_ Init: **ABS**

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No **X** Init: **ABS**

If chlorine is detected, generate an NCR listing affected sample IDs . **NCR#** \_\_\_\_\_

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

\*\*Acid Preserved Samples: pH< 2.0?

Yes **X** No \_\_\_\_\_ NA \_\_\_\_\_ Init: **ABS**

\*\*W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA **X** Init: **ABS**

If samples were not preserved correctly, generate an NCR listing affected sample IDs . **NCR#** \_\_\_\_\_

Coolers Unpacked/Checked by: **ABS**

Date: **09/23/2020** Event contains NCRs (Y/N)? **n**

Event ID:

**TLH - ROC -2020 - 09 - 23 - 03**

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                         |
|--------------------------|-------------------------|
| Infrared Thermometer ID: | IRTG # 3 EXP:11/05/2020 |
| pH Test Strips 0 – 6     | 213316 BV EXP:05/15/21  |
| pH Paper 0 – 3           | XX XX XX XX             |
| pH Paper 0 – 13          | 231019 EXP:11/01/2020   |
| Chlorine Test Strips     | 9080 / 2022 / 01        |

### ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ Init: ABS

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 \_\_\_\_\_

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

**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: \_\_\_\_\_



RQ-2020-09-14-32

Customer: WQAP

Project ID: SMP

Collected By: Paul Blair, Ben Harden

Field Report Prepared By: Paul Blair

Sampling Agency: FDEP

| Place Label Here                                                                                   |              |                                                                                                                                                                                                                                                                                                                             |           |            |      | Comments:                                                                               |                                                    |                                        |                       |                |
|----------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|-----------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------|-----------------------|----------------|
| WIN ID/Field ID:  |              |                                                                                                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                                    |                                        |                       |                |
| G2TLHR0015                                                                                         |              |                                                                                                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                                    |                                        |                       |                |
| Location: Mosquito Creek @ Sr269                                                                   |              |                                                                                                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                                    |                                        |                       |                |
| Matrix: Fresh                                                                                      |              |                                                                                                                                                                                                                                                                                                                             |           |            |      | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                                                    |                                        |                       |                |
| Date                                                                                               | Time         | DO (mg/L)                                                                                                                                                                                                                                                                                                                   | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m)                                                                        | Secchi Disk (m)                                    | Total Depth (m)                        | Sp COND (µmhos/cm)    | Salinity (PPT) |
| 9/23/2020                                                                                          | 12:04<br>EST | 7.7                                                                                                                                                                                                                                                                                                                         | 87.3      | 21.5       | 7.12 | 0.2                                                                                     | 0.4<br><input checked="" type="checkbox"/> VOB (S) | 0.4                                    | 73.6                  | 0.03           |
| Central Lab please use top row for login purposes                                                  |              |                                                                                                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                                    |                                        |                       |                |
| EST                                                                                                |              |                                                                                                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                                    |                                        |                       |                |
| Parameter Suite                                                                                    |              | Parameter Methods                                                                                                                                                                                                                                                                                                           |           |            |      | Preservation                                                                            |                                                    | pH Check                               | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)                                                                      |              | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                                                                             |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4*      |                                                    | <input checked="" type="checkbox"/> <2 | 1                     | A              |
|                                                                                                    |              | Lot #                                                                                                                                                                                                                                                                                                                       |           | 0038110    |      | Exp:                                                                                    |                                                    | 2-7-21                                 |                       |                |
| Metals (P-500ML)                                                                                   |              | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input checked="" type="checkbox"/> W-HARD                                                                                                                                                                                            |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*       |                                                    | <input checked="" type="checkbox"/> <2 | 1                     | A              |
|                                                                                                    |              | Lot #                                                                                                                                                                                                                                                                                                                       |           | 9354060    |      | Exp:                                                                                    |                                                    | Q2-20-20                               |                       |                |
| Filtered Nutrients (P125ML)                                                                        |              | <input checked="" type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                                                          |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                    |                                        | 1                     | A              |
|                                                                                                    |              | Filter Lot #                                                                                                                                                                                                                                                                                                                |           | N/A        |      |                                                                                         |                                                    |                                        |                       |                |
|                                                                                                    |              | Syringe Lot #                                                                                                                                                                                                                                                                                                               |           |            |      |                                                                                         |                                                    |                                        |                       |                |
| Chlorophyll (BP-1L)                                                                                |              | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                              |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                    |                                        | 1                     | A              |
| Physical/Aggregate (Fresh) (P-1L)                                                                  |              | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                                             |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                    |                                        | 1                     | A              |
| Physical/Aggregate (Marine) (P-1L)                                                                 |              | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                                                     |           |            |      | <input type="checkbox"/> Ice                                                            |                                                    |                                        |                       |                |
| Macroinvertebrates (PJ-2L)                                                                         |              | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                         |           |            |      | <input type="checkbox"/> Formalin                                                       |                                                    |                                        |                       |                |
| Periphyton (PT-50ML)                                                                               |              | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                           |           |            |      | <input type="checkbox"/> Ice                                                            |                                                    |                                        |                       |                |
| Microbiology (Contract Lab Bottle)                                                                 |              | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                                                                                    |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                    |                                        | 1                     | A              |
| Molecular (QPCR-P-500ML)                                                                           |              | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                                                                                                                       |           |            |      | <input type="checkbox"/> Ice                                                            |                                                    |                                        |                       |                |
| Tracers (BG-500ML)                                                                                 |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                                                     |           |            |      | <input type="checkbox"/> Ice                                                            |                                                    |                                        |                       |                |
| Pesticides (BG-500ML) (BG-1L)                                                                      |              | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS <input checked="" type="checkbox"/> W-PSNP-TQ <input checked="" type="checkbox"/> W-CT-CL-R<br><input checked="" type="checkbox"/> W-PCL-SQ-R <input checked="" type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                    |                                        | 10                    | A              |
|                                                                                                    |              |                                                                                                                                                                                                                                                                                                                             |           |            |      | <input type="checkbox"/> Ice                                                            |                                                    |                                        |                       |                |
| Name: Paul Blair<br>Ben Harden                                                                     |              |                                                                                                                                                                                                                                                                                                                             |           | Signature: |      |                                                                                         |                                                    | Date:                                  |                       |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: Mosquito Creek @ Jinks Crossing Rd

Date: 9/23/2020

WIN/Field ID: G2TLHR0092

WBID: 376A

ENR:

Latitude: 30.7027

County: GADSDEN

Org ID: 21FTLHR

Longitude: -84.8263

Receiving Body of Water: Apalachicola - Chipola

RQ- 2020-09-14-32

| Sampling Team Members               |            | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Paul Blair | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Ben Harden |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |            |                 |                   |               |              |                    |
| <input type="checkbox"/>            |            |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                         |
|------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy         |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn       |
| <input checked="" type="checkbox"/> Syringe          | <input type="checkbox"/> Pole           |
| Depth measured with: Secchi                          |                                         |
| Secchi Equipment ID: #3                              |                                         |
| Collection Method                                    |                                         |
| <input checked="" type="checkbox"/> Wading           | <input type="checkbox"/> Canoe/Kayak    |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                 |            |           |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------------------|
| Water Level: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# |                        |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide:     | Tide Times: High: Low: |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |            |           |                        |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |            |           |                        |
| Notes:<br>YSI 14G101018                                                                                                                                                                                                                                         |            |           |                        |

| Duplicate Sample     |           |               |              |
|----------------------|-----------|---------------|--------------|
| Time Zone: EST       | Time: N/A | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |           |               |              |

| Blank          |           |                   |                       |
|----------------|-----------|-------------------|-----------------------|
| Time Zone:     | Time: N/A | Field ID: N/A     | (Blank Type_DDMMYYYY) |
| DI Source: N/A |           | Location: N/A     |                       |
| DI Type: N/A   |           | Equipment ID: N/A |                       |

|                                                                        |                                                              |
|------------------------------------------------------------------------|--------------------------------------------------------------|
| LIMS EVENT ID:                                                         | WIN Import ID:                                               |
| Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) | QC Station ID, Field Parameters In LIMS DMT: (Initials/Date) |
| Scan/Save Field Sheets (Initials/Date)                                 | Migrate Data to WIN: (Initials/Date)                         |
|                                                                        | Verify Data In WIN: (Initials/Date)                          |



RQ-2020-09-14-32

Customer: WQAP

Project ID: SMP

Collected By: Paul Blair, Ben Harden

Field Report Prepared By: Paul Blair

Sampling Agency: FDEP

| Place Label Here                                                                                                 |              |                                                                                                                                                                                                                                                         |           |            |            | Comments:                                                                               |                                         |                                        |                       |                |
|------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|-----------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------|----------------|
| WIN ID/Field ID: <br>G2TLHR0092 |              |                                                                                                                                                                                                                                                         |           |            |            |                                                                                         |                                         |                                        |                       |                |
| Location: Mosquito Creek @ Jinks Crossing Rd                                                                     |              |                                                                                                                                                                                                                                                         |           |            |            |                                                                                         |                                         |                                        |                       |                |
| Matrix: Fresh                                                                                                    |              |                                                                                                                                                                                                                                                         |           |            |            | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                                         |                                        |                       |                |
| Date                                                                                                             | Time         | DO (mg/L)                                                                                                                                                                                                                                               | DO (%SAT) | Temp. (C°) | pH         | Sample Depth (m)                                                                        | Secchi Disk (m)                         | Total Depth (m)                        | Sp COND (µmhos/cm)    | Salinity (PPT) |
| 9/23/2020                                                                                                        | 11:45<br>EST | 7.6                                                                                                                                                                                                                                                     | 86.8      | 21.8       | 7.21       | 0.3                                                                                     | 0.5<br><input type="checkbox"/> VOB (S) | 1.4                                    | 61.4                  | 0.03           |
| Central Lab please use top row for login purposes                                                                |              |                                                                                                                                                                                                                                                         |           |            |            |                                                                                         |                                         |                                        |                       |                |
|                                                                                                                  | EST          |                                                                                                                                                                                                                                                         |           |            |            |                                                                                         |                                         |                                        |                       |                |
| Parameter Suite                                                                                                  |              | Parameter Methods                                                                                                                                                                                                                                       |           |            |            | Preservation                                                                            |                                         | pH Check                               | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)                                                                                    |              | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                         |           |            |            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4*      |                                         | <input checked="" type="checkbox"/> <2 | 1                     | B              |
|                                                                                                                  |              | Lot #                                                                                                                                                                                                                                                   |           | 0038110    |            | Exp:                                                                                    |                                         | 2-7-21                                 |                       |                |
| Metals (P-500ML)                                                                                                 |              | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                                                                         |           |            |            | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                             |                                         | <input type="checkbox"/> <2            |                       |                |
|                                                                                                                  |              | Lot #                                                                                                                                                                                                                                                   |           |            |            | Exp:                                                                                    |                                         |                                        |                       |                |
| Filtered Nutrients (P125ML)                                                                                      |              | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                           |           |            |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | A              |
|                                                                                                                  |              | Filter Lot #                                                                                                                                                                                                                                            |           | N/A        |            |                                                                                         |                                         |                                        |                       |                |
|                                                                                                                  |              | Syringe Lot #                                                                                                                                                                                                                                           |           | 7086795    |            |                                                                                         |                                         |                                        |                       |                |
| Chlorophyll (BP-1L)                                                                                              |              | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                          |           |            |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | A              |
| Physical/Aggregate (Fresh) (P-1L)                                                                                |              | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                         |           |            |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | A              |
| Physical/Aggregate (Marine) (P-1L)                                                                               |              | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                 |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Macroinvertebrates (PJ-2L)                                                                                       |              | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                     |           |            |            | <input type="checkbox"/> Formalin                                                       |                                         |                                        |                       |                |
| Periphyton (PT-50ML)                                                                                             |              | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                       |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Microbiology (Contract Lab Bottle)                                                                               |              | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                |           |            |            | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | A              |
| Molecular (QPCR-P-500ML)                                                                                         |              | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                                                   |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Tracers (BG-500ML)                                                                                               |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                 |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Pesticides (BG-500ML) (BG-1L)                                                                                    |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
|                                                                                                                  |              |                                                                                                                                                                                                                                                         |           |            |            | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                |
| Name: Paul Blair<br>Ben Harden                                                                                   |              |                                                                                                                                                                                                                                                         |           |            | Signature: |                                                                                         |                                         |                                        |                       | Date:          |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

Date: 9/23/2020 Collected By: Paul Blair, Ben Harden  
Customer: TLH-DIST Sampling Agency: FDEP  
RQ: RQ-2020-09-14-32 Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL  
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 3

FIELD ID (Labels) submitted under this RQ for this collection date.

| Site Location                      | Field ID/WIN ID     |
|------------------------------------|---------------------|
| <del>Mosquito Creek @ Sr269</del>  | <del>G2WA0006</del> |
| Mosquito Creek @ Sr269             | G2TLHR0015          |
| Unnamed Branch @ Hardaway Rd 2     | G2TLHR0041          |
| Mosquito Creek @ Jinks Crossing Rd | G2TLHR0092          |

RELINQUISHED BY(SIGNATURE):

DATE/TIME:

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A-Shaik

Rec'd/Inspected Date: 9-23-20

Paul Blair  
9-23-20



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: Unnamed Branch @ Hardaway Rd 2

Date: 9/23/2020

WIN/Field ID: G2TLHR0041

WBID: 488

ENR:

Latitude: 30.6306

County: GADSDEN

Org ID: 21FTLHR

Longitude: -84.7664

Receiving Body of Water: Apalachicola - Chipola

RQ- 2020-09-14-32

| Sampling Team Members               |            | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Paul Blair | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Ben Harden |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |            |                 |                   |               |              |                    |
| <input type="checkbox"/>            |            |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                         |
|------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy         |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn       |
| <input checked="" type="checkbox"/> Syringe          | <input type="checkbox"/> Pole           |
| Depth measured with: Secchi                          |                                         |
| Secchi Equipment ID: #3                              |                                         |
| Collection Method                                    |                                         |
| <input checked="" type="checkbox"/> Wading           | <input type="checkbox"/> Canoe/Kayak    |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                 |            |           |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|--------------------------|
| Water Level: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# |                          |
| Photos: NA                                                                                                                                                                                                                                                      | Flow: FLOW | Tide:     | Tide Times:<br>High: Low |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |            |           |                          |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |            |           |                          |
| Notes:<br>YSI 14G101018                                                                                                                                                                                                                                         |            |           |                          |

| Duplicate Sample     |           |               |              |
|----------------------|-----------|---------------|--------------|
| Time Zone: EST       | Time: N/A | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |           |               |              |

| Blank          |           |                   |                       |
|----------------|-----------|-------------------|-----------------------|
| Time Zone:     | Time: N/A | Field ID: N/A     | (Blank Type_DDMMYYYY) |
| DI Source: N/A |           | Location: N/A     |                       |
| DI Type: N/A   |           | Equipment ID: N/A |                       |

|                                                                        |                                                              |
|------------------------------------------------------------------------|--------------------------------------------------------------|
| LIMS EVENT ID:                                                         | WIN Import ID:                                               |
| Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) | QC Station ID, Field Parameters In LIMS DMT: (Initials/Date) |
| Scan/Save Field Sheets (Initials/Date)                                 | Migrate Data to WIN: (Initials/Date)                         |
|                                                                        | Verify Data In WIN: (Initials/Date)                          |

Date of Request: 26-AUG-2020  
 Created By: ECKLES\_M On: 26-AUG-2020  
 Modified By: JASROTIA\_P On: 31-AUG-2020  
 Customer: TLH-ROC  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Not Applicable  
 Event Description: Run 4b

**Send Coolers To:**

Phone: 850-245-7586  
 2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Cooler Ship Email: michael.eckles@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 28-AUG-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 31-AUG-2020  
 Sampling Kit Required: YES Ship on: 10-SEP-2020  
 Sampling Kit Shipped: YES On: 08-SEP-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 14-SEP-2020  
 Logged In By: SHAIK\_A On: 23-SEP-2020

**Send Final Report To:**

2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Report Notification Email: michael.eckles@dep.state.fl.us

Comments: Group A WBID 376A & Dup  
 Group B WBID 393  
 No fedex labels

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BG-1L          | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| W-PSNP-TQ                   | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                           |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colifert 18 Quanti-Tray method - non-chlorinated water systems     |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> CICOOH Pre-Preserved                                                         |
| W-CARB-AA                   | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: BG-500ML       | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| W-CT-CI-R                   | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization            |
| W-PCL-SQ-R                  | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS-SIM                |

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

|                       |                   |                                                                                                                                                |                                                                             |
|-----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Bottle Type: BG-500ML |                   | Number of Bottles: 1                                                                                                                           | Preserved With: ICE                                                         |
| W-E8321-DI            | Template: DEFAULT | (EPA 8321B)                                                                                                                                    | Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS            | Template: DEFAULT | (EPA 8321B)                                                                                                                                    | Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| Bottle Type: P-500ML  |                   | Number of Bottles: 1                                                                                                                           | Preserved With: HNO3                                                        |
| W-HARD                | Template: DEFAULT | (SM 2340B)                                                                                                                                     | Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3        |
| Hardness              |                   |                                                                                                                                                |                                                                             |
| W-ICP                 | Template:         | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |                                                                             |
| Barium                |                   |                                                                                                                                                |                                                                             |
| Calcium               |                   |                                                                                                                                                |                                                                             |
| Iron                  |                   |                                                                                                                                                |                                                                             |
| Magnesium             |                   |                                                                                                                                                |                                                                             |
| Potassium             |                   |                                                                                                                                                |                                                                             |
| Sodium                |                   |                                                                                                                                                |                                                                             |
| Zinc                  |                   |                                                                                                                                                |                                                                             |
| W-ICPMS               | Template:         | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                                                                             |
| *Boron                |                   |                                                                                                                                                |                                                                             |
| Aluminum              |                   |                                                                                                                                                |                                                                             |
| Antimony              |                   |                                                                                                                                                |                                                                             |
| Arsenic               |                   |                                                                                                                                                |                                                                             |
| Beryllium             |                   |                                                                                                                                                |                                                                             |
| Cadmium               |                   |                                                                                                                                                |                                                                             |
| Chromium              |                   |                                                                                                                                                |                                                                             |
| Copper                |                   |                                                                                                                                                |                                                                             |
| Lead                  |                   |                                                                                                                                                |                                                                             |
| Nickel                |                   |                                                                                                                                                |                                                                             |
| Selenium              |                   |                                                                                                                                                |                                                                             |
| Silver                |                   |                                                                                                                                                |                                                                             |
| Thallium              |                   |                                                                                                                                                |                                                                             |

|                      |                   |                      |                                                                     |
|----------------------|-------------------|----------------------|---------------------------------------------------------------------|
| 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-2011)     | Nonpurgeable Organic Carbon in aqueous matrices                     |
| Bottle Type: P-125ML |                   | Number of Bottles: 1 | Preserved With: FILTER-ICE                                          |
| W-PO4-F              | Template: DEFAULT | (EPA 365.1 Rev. 2.0) | Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                             |                   |                       |                                                                                          |
|-----------------------------|-------------------|-----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           |                   | Number of Bottles: 1  | Preserved With: ICE                                                                      |
| ALKALINITY                  | Template: DEFAULT | (SM 2320 B-2011)      | 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-2011)      | True Color measured at 450 nm (not valid for NPDES monitoring)                           |
| Color (true)                |                   |                       |                                                                                          |
| W-F                         | Template: DEFAULT | (SM 4500 F-C-2011)    | 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-2011)      | Total Dissolved Solids in aqueous matrices                                               |
| W-TSS                       | Template: DEFAULT | (SM 2540 D-2011)      | Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample           |
| Bottle Type: BP-1L          |                   | Number of Bottles: 1  | Preserved With: ICE                                                                      |
| CHLSUITE-W                  | Template: DEFAULT | (SM 10200 H (mod.))   | Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI |                   | Number of Bottles: 1  | Preserved With: ICE                                                                      |
| ECOLI-18QT                  | Template: DEFAULT | (SM 9223 Quanti-Tray) | Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems       |
| Bottle Type: P-500ML        |                   | Number of Bottles: 1  | Preserved With: HNO3                                                                     |
| W-HARD                      | Template: DEFAULT | (SM 2340B)            | Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                     |
| Hardness                    |                   |                       |                                                                                          |

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

|                      |                   |                                                                                                                                                |                            |
|----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Bottle Type: P-500ML |                   | Number of Bottles: 1                                                                                                                           | Preserved With: HNO3       |
| W-ICP                | Template:         | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |                            |
| Barium               |                   |                                                                                                                                                |                            |
| Calcium              |                   |                                                                                                                                                |                            |
| Iron                 |                   |                                                                                                                                                |                            |
| Magnesium            |                   |                                                                                                                                                |                            |
| Potassium            |                   |                                                                                                                                                |                            |
| Sodium               |                   |                                                                                                                                                |                            |
| Zinc                 |                   |                                                                                                                                                |                            |
| W-ICPMS              | Template:         | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                            |
| *Boron               |                   |                                                                                                                                                |                            |
| Aluminum             |                   |                                                                                                                                                |                            |
| Antimony             |                   |                                                                                                                                                |                            |
| Arsenic              |                   |                                                                                                                                                |                            |
| Beryllium            |                   |                                                                                                                                                |                            |
| Cadmium              |                   |                                                                                                                                                |                            |
| Chromium             |                   |                                                                                                                                                |                            |
| Copper               |                   |                                                                                                                                                |                            |
| Lead                 |                   |                                                                                                                                                |                            |
| Nickel               |                   |                                                                                                                                                |                            |
| Selenium             |                   |                                                                                                                                                |                            |
| Silver               |                   |                                                                                                                                                |                            |
| Thallium             |                   |                                                                                                                                                |                            |
| Bottle Type: P-500ML |                   |                                                                                                                                                |                            |
| 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |                            |
| Bottle Type: P-125ML |                   | Number of Bottles: 1                                                                                                                           | Preserved With: FILTER-ICE |
| W-PO4-F              | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                                                       |                            |

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