

RQ-2020-11-23-36

## Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS HD | Greyhound

Date/Time of Receipt: 11/25/2020 @ 10:00

| *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 |                        |
| 0.8°C               |                 |                                        |          | 4                                     |               | x  |          |    | 12 MYR 217 84 9522 090 |
|                     |                 |                                        |          |                                       |               |    |          |    |                        |
|                     |                 |                                        |          |                                       |               |    |          |    |                        |
|                     |                 |                                        |          |                                       |               |    |          |    |                        |
|                     |                 |                                        |          |                                       |               |    |          |    |                        |
|                     |                 |                                        |          |                                       |               |    |          |    |                        |

## 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 °C (above 10.0 °C 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 ☒ No ☐

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

Yes ☒ No ☒ TR

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

Yes ☒ 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 ☐ No ☒ Init: Tyler

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: \_\_\_\_\_

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 &lt; 2.0?

Yes ☒ No ☐ NA ☐ Init: Tyler

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

Yes ☐ No ☐ NA ☒ Init: Tyler

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

Coolers Unpacked/Checked by: Tyler ReynoldsDate: 11/25/2020Event contains NCRs (Y/N)? NoneEvent ID: Alaqua Continuous MonitoringNW-DIST-2020-11-25-01 (SMP)Page 1 of 2, 06/19/2019 Date Received: 25-NOV-2020 10:00

# Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/28/2021 |
| pH Test Strips 0 – 6     |                            |
| pH Paper 0 – 3           |                            |
| pH Paper 0 – 13          | 231019 EXP:11/01/2022      |
| Chlorine Test Strips     | 8261 EXP:07/2021           |

## ENCORE SAMPLES

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

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

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: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 11/24/2020  
**Customer:** NW-DIST  
**RQ:** RQ-2020-11-23-36

**Collected By:** Frank Butera, Myranda Clark  
**Sampling Agency:** FDEP  
**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: 1**

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

| Site Location                    | Field ID/WIN ID                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| Basin Bayou At Inlet             | <br>G3NW0101   |
| Alaqua Creek At Park Boat Ramp   | <br>G3NW0163   |
| Basin Bayou North End            | <br>G3NW0102 |
| Alaqua Creek Below Portland Park | <br>G3NW0443 |

RELINQUISHED BY(SIGNATURE): *Myranda Butler*

DATE/TIME: 11/24/2020

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

*[Signature]*

Rec'd/Inspected Date:

*12/04/2020*



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

**WIN Station Name:** Basin Bayou North End **Date:** 11/24/2020  
**WIN/Field ID:** G3NW0102 **WBID:** 742 **ENR:** ENRM2 **Latitude:** 30.4977  
**County:** WALTON **Org ID:** 21FLPNS **Longitude:** -86.2424  
**Receiving Body of Water:** Choctawhatchee - St. Andrew **RQ:** 2020-11-23-36

| Sampling Team Members               |               | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Frank Butera  | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Myranda Clark |                 | 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 type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole                      |
| Depth measured with: Meter                           |                                                    |
| Secchi Equipment ID:                                 |                                                    |
| Collection Method                                    |                                                    |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other _____                 | <input checked="" type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                        |  |                   |  |                      |  |                                              |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|----------------------|--|----------------------------------------------|--|--|--|--|--|
| <b>Water Level:</b> <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                                                |  |                   |  |                      |  | <b>Meter ID#</b> 154179 (PRODSS)             |  |  |  |  |  |
| <b>Photos:</b> No                                                                                                                                                                                                                                                      |  | <b>Flow:</b> FLOW |  | <b>Tide:</b> FALLING |  | <b>Tide Times:</b><br>High: 20:51 Low: 12:55 |  |  |  |  |  |
| <b>Biological Samples Collected:</b> <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: |  |                   |  |                      |  |                                              |  |  |  |  |  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |  |                   |  |                      |  |                                              |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |  |                   |  |                      |  |                                              |  |  |  |  |  |

## Duplicate Sample

|                                   |                  |                      |              |
|-----------------------------------|------------------|----------------------|--------------|
| <b>Time Zone:</b> CEN             | <b>Time:</b> N/A | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> _____ |                  |                      |              |

## Blank

|                         |                  |                          |                       |
|-------------------------|------------------|--------------------------|-----------------------|
| <b>Time Zone:</b> _____ | <b>Time:</b> N/A | <b>Field ID:</b> N/A     | (Blank Type_DDDMMYYY) |
| <b>DI Source:</b> N/A   |                  | <b>Location:</b> N/A     |                       |
| <b>DI Type:</b> N/A     |                  | <b>Equipment ID:</b> N/A |                       |

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



RQ-2020-11-23-36

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Myranda Clark

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3NW0102

Location: Basin Bayou North End

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Marine

(Check one)

☒ GRAB☐ 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 <sub>h</sub> ) |
|------------|----------------------------------|-----------|-----------|------------|-----|------------------|----------------------------------------------------|-----------------|--------------------|------------------------------|
| 11/24/2020 | <del>13:01</del><br>11:01<br>CEN | 8.15      | 83.8      | 16.6       | 6.2 | 0.3              | 1.2<br><input checked="" type="checkbox"/> VOB (S) | 1.2             | 3345               | 1.77                         |

Central Lab please use top row for login purposes

|  |     |  |  |  |  |  |  |  |  |  |
|--|-----|--|--|--|--|--|--|--|--|--|
|  |     |  |  |  |  |  |  |  |  |  |
|  | CEN |  |  |  |  |  |  |  |  |  |

| Parameter Suite                    | Parameter Methods                                                                                                                                                                                                                                        | Preservation                                                 | pH Check                    | # Bottles sent to Lab | Bottle Group |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                                                                                                                           | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4* | <input type="checkbox"/> <2 |                       |              |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # _____ Exp: _____                                                                                                                                | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*  | <input type="checkbox"/> <2 |                       |              |
| Filtered Nutrients (P125ML)        | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # _____<br>Syringe Lot # _____                                                                                                                     | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Chlorophyll (BP-1L)                | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                      | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                     | <input type="checkbox"/> Ice                                 |                             |                       |              |
| 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 type="checkbox"/> E Coli <input checked="" type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                                                           | <input checked="" type="checkbox"/> Ice                      |                             | 1                     | B            |
| 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"/> 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:  
Frank Butera  
Myranda Clark

Signature:

Myranda Butler

Date:

11/24/2020

\*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:** Alaqua Creek At Park Boat Ramp **Date:** 11/24/2020  
**WIN/Field ID:** G3NW0163 **WBID:** 351A **ENR:** **Latitude:** 30.51254  
**County:** WALTON **Org ID:** 21FLPNS **Longitude:** -86.18635  
**Receiving Body of Water:** Choctawhatchee - St. Andrew **RQ:** 2020-11-23-36

| Sampling Team Members               |               | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Frank Butera  | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Myranda Clark |                 | 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 type="checkbox"/> Syringe                     | <input checked="" type="checkbox"/> Pole |
| Depth measured with: Meter                           |                                          |
| Secchi Equipment ID:                                 |                                          |
| Collection Method                                    |                                          |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak     |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor  |
| <input checked="" type="checkbox"/> Other Dock       | <input type="checkbox"/> Gasoline Motor  |

|                                                                                                                                                                                                                                                                        |  |                   |  |                      |  |                                           |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|----------------------|--|-------------------------------------------|--|--|--|--|--|
| <b>Water Level:</b> <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                                                |  |                   |  |                      |  | <b>Meter ID#</b> 154179 (PRODSS)          |  |  |  |  |  |
| <b>Photos:</b> NO                                                                                                                                                                                                                                                      |  | <b>Flow:</b> FLOW |  | <b>Tide:</b> FALLING |  | <b>Tide Times:</b> High: 20:51 Low: 12:55 |  |  |  |  |  |
| <b>Biological Samples Collected:</b> <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: |  |                   |  |                      |  |                                           |  |  |  |  |  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |  |                   |  |                      |  |                                           |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |  |                   |  |                      |  |                                           |  |  |  |  |  |

## Duplicate Sample

|                             |                  |                      |              |
|-----------------------------|------------------|----------------------|--------------|
| <b>Time Zone:</b> CEN       | <b>Time:</b> N/A | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> |                  |                      |              |

## Blank

|                       |                  |                          |                       |
|-----------------------|------------------|--------------------------|-----------------------|
| <b>Time Zone:</b>     | <b>Time:</b> N/A | <b>Field ID:</b> N/A     | (Blank Type_DDDMMYYY) |
| <b>DI Source:</b> N/A |                  | <b>Location:</b> N/A     |                       |
| <b>DI Type:</b> N/A   |                  | <b>Equipment ID:</b> N/A |                       |

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



RQ-2020-11-23-36

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Myranda Clark

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3NW0163

Location: Alaqua Creek At Park Boat Ramp

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Marine

(Check one)

☒ GRAB☐ 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 <sub>h</sub> ) |
|------------|----------------------------------|-----------|-----------|------------|------|------------------|---------------------------------------|-----------------|--------------------|------------------------------|
| 11/24/2020 | <del>13:40</del><br>11:40<br>CEN | 8.45      | 85.4      | 16.1       | 5.83 | 0.3              | 2<br><input type="checkbox"/> VOB (S) | 2.9             | 1524               | 0.77                         |

Central Lab please use top row for login purposes

|  |                                  |      |     |      |      |     |  |  |       |       |
|--|----------------------------------|------|-----|------|------|-----|--|--|-------|-------|
|  | <del>14:03</del><br>12:03<br>CEN | 0.34 | 4.5 | 22.7 | 7.06 | 2.5 |  |  | 40272 | 25.78 |
|--|----------------------------------|------|-----|------|------|-----|--|--|-------|-------|

| Parameter Suite                    | Parameter Methods                                                                                                                                                                                                                                        | Preservation                                                 | pH Check                    | # Bottles sent to Lab | Bottle Group |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                                                                                                                           | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4* | <input type="checkbox"/> <2 |                       |              |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # _____ Exp: _____                                                                                                                                | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*  | <input type="checkbox"/> <2 |                       |              |
| Filtered Nutrients (P125ML)        | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # _____<br>Syringe Lot # _____                                                                                                                     | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Chlorophyll (BP-1L)                | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                      | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                     | <input type="checkbox"/> Ice                                 |                             |                       |              |
| 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                                                                      | <input checked="" type="checkbox"/> Ice                      |                             | 1                     | C            |
| 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"/> 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:  
Frank Butera  
Myranda Clark

Signature:

Myranda Butler

Date:

11/24/2020

\*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:** Alaqua Creek Below Portland Park **Date:** 11/24/2020  
**WIN/Field ID:** G3NW0443 **WBID:** 351A **ENR:**  **Latitude:** 30.5051  
**County:** WALTON **Org ID:** 21FLPNS **Longitude:** -86.1972  
**Receiving Body of Water:** Choctawhatchee - St. Andrew **RQ:** 2020-11-23-36

| Sampling Team Members               |               | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Frank Butera  | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Myranda Clark |                 | 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: Meter                           |                                                    |
| Secchi Equipment ID:                                 |                                                    |
| Collection Method                                    |                                                    |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other _____                 | <input checked="" type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                        |  |                   |  |                      |  |                                              |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|----------------------|--|----------------------------------------------|--|--|--|--|--|
| <b>Water Level:</b> <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                                                |  |                   |  |                      |  | <b>Meter ID#</b><br>154179 (PRODSS)          |  |  |  |  |  |
| <b>Photos:</b> No                                                                                                                                                                                                                                                      |  | <b>Flow:</b> FLOW |  | <b>Tide:</b> FALLING |  | <b>Tide Times:</b><br>High: 20:51 Low: 12:55 |  |  |  |  |  |
| <b>Biological Samples Collected:</b> <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: |  |                   |  |                      |  |                                              |  |  |  |  |  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |  |                   |  |                      |  |                                              |  |  |  |  |  |
| <b>Notes:</b><br>CONTINUOUS SONDE OUT 12:43 CTZ                                                                                                                                                                                                                        |  |                   |  |                      |  |                                              |  |  |  |  |  |

## Duplicate Sample

|                                   |                         |                             |              |
|-----------------------------------|-------------------------|-----------------------------|--------------|
| <b>Time Zone:</b> <u>CEN</u>      | <b>Time:</b> <u>N/A</u> | <b>Field ID:</b> <u>N/A</u> | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> _____ |                         |                             |              |

## Blank

|                              |                                 |                             |                       |
|------------------------------|---------------------------------|-----------------------------|-----------------------|
| <b>Time Zone:</b> _____      | <b>Time:</b> <u>N/A</u>         | <b>Field ID:</b> <u>N/A</u> | (Blank Type_DDMMYYYY) |
| <b>DI Source:</b> <u>N/A</u> | <b>Location:</b> <u>N/A</u>     |                             |                       |
| <b>DI Type:</b> <u>N/A</u>   | <b>Equipment ID:</b> <u>N/A</u> |                             |                       |

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



RQ-2020-11-23-36

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Myranda Clark

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3NW0443

Location: Alaqua Creek Below Portland Park

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Marine

(Check one)

☒ GRAB☐ 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 <sub>h</sub> ) |
|------------|----------------------------------|-----------|-----------|------------|------|------------------|----------------------------------------------------|-----------------|--------------------|------------------------------|
| 11/24/2020 | <del>14:36</del><br>12:36<br>CEN | 7.79      | 82.8      | 17.9       | 6.35 | 0.3              | 1.1<br><input checked="" type="checkbox"/> VOB (S) | 1.1             | 5160               | 2.8                          |

Central Lab please use top row for login purposes

|  |     |  |  |  |  |  |  |  |  |  |
|--|-----|--|--|--|--|--|--|--|--|--|
|  |     |  |  |  |  |  |  |  |  |  |
|  | CEN |  |  |  |  |  |  |  |  |  |

| 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<br>Lot # Sa9354050 Exp: 12/20/2020                                                                                                                                       | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # Exp:                                                                                                                                            | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                        | <input type="checkbox"/> <2            |                       |              |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # 17097890<br>Syringe Lot # 0079929                                                                                          | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                           | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                     | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Physical/Aggregate (Marine) (P-1L) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                       | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" 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"/> 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:  
Frank Butera  
Myranda Clark

Signature:

Myranda Butler

Date:

11/24/2020

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

## Document Reference # 05.1.0

Laboratory: Wetlands Research Laboratory

FB & ME

Page 1 of 1

Date/Time: 11/24/20 11554

Date/Time: 11/24/2020 1:1554

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the label on each container.

[illegible]

Comments: Sample Container lot# L20020

RQ - 2020-11-23-36

Contact name: Myranda Butler

Phone: 850-595-0642

Sampler's name: M. Butler & F. Butera

<sup>2</sup>Type codes: G = grab, C = composite, X =

<sup>1</sup> Recorded using IRT-2

## Chain of Custody Record

**TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica**

Date of Request: 12-NOV-2020  
 Created By: KING\_M On: 12-NOV-2020  
 Modified By: JASROTIA\_P On: 13-NOV-2020  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Event Description: Alauqua Continuous Monitoring

**Send Coolers To:**

Phone: 850-595-1645  
 160 W Government Street  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Myranda Clark  
 Cooler Ship EMail: myranda.k.clark@floridadep.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 13-NOV-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 13-NOV-2020  
 Sampling Kit Required: YES Ship on: 18-NOV-2020  
 Sampling Kit Shipped: YES On: 16-NOV-2020  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-NOV-2020  
 Logged In By: REYNOLDS\_T On: 25-NOV-2020

**Send Final Report To:**

160 Government Center  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Cheryl Bunch  
 Report Notification EMail:  
 myranda.k.clark@floridadep.gov;cheryl.bunch@floridadep.gov;mi  
 chael.king@floridadep.gov

Comments: Group A: Marine  
 (WBID 351A, 731) Nutrients, Contract Lab Bacteria  
  
 Group B: Marine  
 (WBID 742) Fecal Coliform, Contract Lab Bacteria  
  
 Group C: Marine  
 (WBID 351A, 742) Contract Lab Bacteria

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

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 2 | 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-BR-IC                           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                             |
| W-F                               | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| 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: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: TEST HAS NO          | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| NW-UWF-ENQ                        | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola                                             |
| Bottle Type: P-500ML              | Number of Bottles: 2 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | 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: 2 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

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

|                             |                      |                     |
|-----------------------------|----------------------|---------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE |
|-----------------------------|----------------------|---------------------|

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

|                             |                                   |                                                    |
|-----------------------------|-----------------------------------|----------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2              | Preserved With: ICE                                |
| NW-TA-FC                    | Template: DEFAULT (SM 9222 D)     | Fecal coliforms by MF by Test America in Pensacola |
| Bottle Type: TEST HAS NO    | Number of Bottles: 2              | Preserved With: ICE                                |
| NW-UWF-ENQ                  | Template: DEFAULT (Enterolert/QT) | Enterococci by Enterolert/QT by UWF in Pensacola   |

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

|                          |                                   |                                                  |
|--------------------------|-----------------------------------|--------------------------------------------------|
| Bottle Type: TEST HAS NO | Number of Bottles: 2              | Preserved With: ICE                              |
| NW-UWF-ENQ               | Template: DEFAULT (Enterolert/QT) | Enterococci by Enterolert/QT by UWF in Pensacola |