



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2017

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Data Qualified?

Yes / No

STORET Station Name: Gilberts Mill Creek at Aycock Rd

Date: 03/01/2017

(mm/dd/yyyy)

STORET Station ID: G3WA0012

WBID: 262

Latitude: 30.7965

(Decimal Degrees)

County: Jackson RQ - RQ-2017-02-27-65

ORG ID: 21FLWQA

Longitude: -85.4401

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

Field ID: G3WA0012-03012017

## Sampling Team Members

Curtis Musson  
Raymond Stuart

WQ Measurements  
Sample Collection  
Documentation  
Preservation  
Preservation Check

## Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole  
☐ Carboy ☐ Syringe  
☐ Dipper ☐ Other

Equipment ID

## Collection Method

☒ Wading ☐ From Shore ☐ Other (note below)  
☐ Via Boat ☐ Canoe/Kayak ☐ Electric Motor ☐ Gasoline Motor

Water Level: Dry / Pooled / Low / Normal / High / Flooded

Matrix: Fresh / Marine / DI

Meter ID#

Photos: Yes / No

Tide Falling: Yes / No / NA

| Time Zone | Time  | Sample Depth (m) | Total Depth (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (ppt) | Secchi Disk (m) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|-------|------------------|-----------------|-----------|-----------|------|----------------|-----------------|--------------------|------------|
| EST       | 12:05 | 0.2              | 0.6             | X         | X         | 5.21 | 0.01           | 0.5             | 26                 | 20.66      |
| CEN       |       |                  |                 |           |           |      |                |                 |                    |            |

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers:

SBIO-ID:

RPS-ID:

Macrophyte-ID:

LIMS#:

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                                                                         | Preservation                                                                      | Acid Lot# | Expiration | pH Check                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|------------|----------------------------------------|
| Preserved Nutrients         | <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 | 6302030   | 10/28/17   | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                           | <input type="checkbox"/> Ice <input type="checkbox"/> HNO2                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                           | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                             | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                       | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Entero <input type="checkbox"/> PCR-FILTER                                                                                                                                       | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-LCMS-DU (1/4 vial fill) <input type="checkbox"/> W-UHERB-AA                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-LCMS-DU (1/4 vial fill)<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH | <input type="checkbox"/> Ice<br><input type="checkbox"/> Other                    |           |            |                                        |

Notes:  
Kit A,  
E. coli

Field ID →

Gilberts Mill  
Creek at  
Aycock Rd

MAR 01, 2017



G3WA0012-03012017

Gilberts Mill Creek  
at Aycock Rd

STORET ↓



G3WA0012

Signature:

Date:

3/1/17

Field Parameters Entered into LIMS: DT 3/1/17

Field Parameters QC in LIMS:

Date Migrated to STORET:

Field Sheets Scanned/Saved: DT 3/1/17

# CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this name.

Meter Bio #12 #2 RQ- 2017-02-27-65 Project NWQI

- Notes:** (1) Numbers  $\leq 4$ , are rounded down; numbers  $\geq 5$  are rounded up (e.g., 5.15 becomes 5.2).  
 (2) Always wait for meter to stabilize before recording any readings.  
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site \_\_\_\_\_

**Temperature (Quarterly) FT 1400**

Date of Last Temperature Verification 09/23/2016

| DO DEP SOP FT 1500 | Name | Date | Time CT-ET | Temp | D.O. Chart mg/L | Meter D.O. mg/L | % DO | Probe Charge | Probe Gain | Pass / Fail | Lab / Field |
|--------------------|------|------|------------|------|-----------------|-----------------|------|--------------|------------|-------------|-------------|
| Calibr.            |      |      |            |      |                 |                 |      |              |            |             |             |
| ICV                |      |      |            |      |                 |                 |      |              |            |             |             |
| CCV                |      |      |            |      |                 |                 |      |              |            |             |             |
| CCV                |      |      |            |      |                 |                 |      |              |            |             |             |

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

DO Acceptance criteria from Table  $\pm 0.3$  mg/L.

**Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

**Optical:** DO gain range 0.85 to 1.15; DO charge N/A.

**Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

| Spec. Cond. FT 1200 | Name          | Date   | Time CT-ET | Lot #    | Expir. Date | Standard $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail | Lab / Field |
|---------------------|---------------|--------|------------|----------|-------------|------------------------|-----------------------------|-------------|-------------|
| Calibr.             | Curtis Mussen | 3/1/17 | 7:03       | 161111 D | 1/2/17      | 1000                   | 1000                        | P           | LAB         |
| ICV                 | Curtis Mussen | 3/1/17 | 7:04       | 161111 D | 1/2/17      | 1000                   | 1000                        | P           | LAB         |
| CCV                 | Curtis Mussen | 3/1/17 | 14:43      | 161111 E | 5/1/17      | 100                    | 100                         | P           | LAB         |
| CCV                 |               |        |            |          |             |                        |                             |             |             |

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria  $\pm 5\%$

| pH DEP SOP FT 1100 | Name          | Date   | Time CT-ET | Lot #    | Expir. Date | pH Buffer SU | Meter reading SU | mV   | Pass / Fail | Lab / Field |
|--------------------|---------------|--------|------------|----------|-------------|--------------|------------------|------|-------------|-------------|
| Calibr.            | Curtis Mussen | 3/1/17 | 7:06       | 161111 B | 5/1/18      | 7.0          | 7.0              | -21  | P           | LAB         |
| Calibr.            | Curtis Mussen | 3/1/17 | 7:08       | 161111 A | 1/1/17      | 4.01         | 4.01             | 152  | P           | LAB         |
| Calibr.            | Curtis Mussen | 3/1/17 | 7:10       | 161111 C | 5/1/18      | 10.01        | 9.95             | -178 | P           | LAB         |
| ICV                | Curtis Mussen | 3/1/17 | 7:12       | 161111 B | 5/1/18      | 7.03         | 7.01             | 155  | P           | LAB         |
| CCV                | Curtis Mussen | 3/1/17 | 14:45      | 161111 C | 5/1/18      | 10.01        | 10.20            | -194 | P           | LAB         |
| CCV                |               |        |            |          |             |              |                  |      |             |             |

Report pH with one decimal place; pH Acceptance criteria  $\pm 0.2$  SU;

mV pH7 Range  $0 \pm 50$ ;

mV pH 4 Range  $+180 \pm 50$ ;

mV pH 10 Range  $-180 \pm 50$ ;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

**Depth (Quarterly)**

Date of Last Depth Verification \_\_\_\_\_

| Depth Sensor (Daily) | Name | Date | Time CT-ET | Zero the Sensor | ICV Value | Pass / Fail | Lab / Field |
|----------------------|------|------|------------|-----------------|-----------|-------------|-------------|
| Pressure mode in air |      |      |            | 0.000           |           |             |             |

ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater

Request Number: RQ-2017-02-27-65

Event: Alligator Creek  
Customer: WQ-ASSESS  
Project ID: NWQI

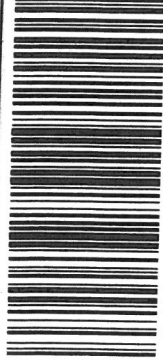
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Central Lab Sample Submittal Form

Requester: Curtis Musson

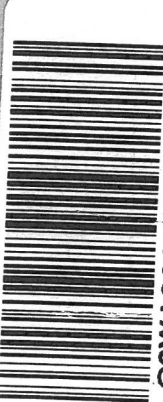
Field Report Prepared By: FDEP  
Sampling Agency: FDEP

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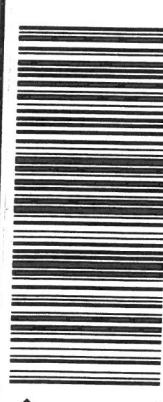
Collected By:

Field ID:   
Alligator Creek  
upstream of  
SR 273  
Mar 01, 2017  
G3WA0005-03012017

ST Alligator Creek  
upstream of SR 273  
STORET   
G3WA0005

Field ID:   
Little Alligator  
Creek at  
SR 273  
Mar 01, 2017  
G3WA0006-03012017

ST Little Alligator  
Creek at SR 273  
STORET   
G3WA0006

Field ID:   
Alligator Creek  
upstream of  
Bentley Rd.  
Mar 01, 2017  
G3WA0004-03012017

ST Alligator Creek  
upstream of  
Bentley Rd.  
STORET   
G3WA0004

| Collection (comp begin or grab) |                                     | Collection (comp begin or grab) |                                     | Collection (comp begin or grab) |                                     |
|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|
| Comp                            | Grab                                | Comp                            | Grab                                | Comp                            | Grab                                |
| <input type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/>        | <input checked="" type="checkbox"/> |
| Matrix (Salt, Fresh)            | Matrix (Salt, Fresh)                | Matrix (Salt, Fresh)            | Matrix (Salt, Fresh)                | Matrix (Salt, Fresh)            | Matrix (Salt, Fresh)                |
| Date                            | Date                                | Date                            | Date                                | Date                            | Date                                |
| 3/1/17                          | 3/1/17                              | 3/1/17                          | 3/1/17                              | 3/1/17                          | 3/1/17                              |
| Time                            | Time                                | Time                            | Time                                | Time                            | Time                                |
| 9:05                            | 9:05                                | 9:44                            | 9:44                                | 10:10                           | 10:10                               |
| Diss. Oxygen (mg/L)             | Diss. Oxygen (mg/L)                 | Diss. Oxygen (mg/L)             | Diss. Oxygen (mg/L)                 | Diss. Oxygen (mg/L)             | Diss. Oxygen (mg/L)                 |
| —                               | —                                   | —                               | —                                   | —                               | —                                   |
| Temp (C)                        | Temp (C)                            | Temp (C)                        | Temp (C)                            | Temp (C)                        | Temp (C)                            |
| 18.8                            | 18.8                                | 19.27                           | 19.27                               | 19.37                           | 19.37                               |
| pH                              | pH                                  | pH                              | pH                                  | pH                              | pH                                  |
| 6.64                            | 6.64                                | 7.10                            | 7.10                                | 7.01                            | 7.01                                |
| Salinity (ppt)                  | Salinity (ppt)                      | Salinity (ppt)                  | Salinity (ppt)                      | Salinity (ppt)                  | Salinity (ppt)                      |
| 0.02                            | 0.02                                | 0.03                            | 0.03                                | 0.03                            | 0.03                                |
| Sample Depts (m)                | Sample Depts (m)                    | Sample Depts (m)                | Sample Depts (m)                    | Sample Depts (m)                | Sample Depts (m)                    |
| —                               | —                                   | —                               | —                                   | —                               | —                                   |
| Sp. Conductance (umho/cm)       | Sp. Conductance (umho/cm)           | Sp. Conductance (umho/cm)       | Sp. Conductance (umho/cm)           | Sp. Conductance (umho/cm)       | Sp. Conductance (umho/cm)           |
| —                               | —                                   | —                               | —                                   | —                               | —                                   |
| Comments                        | Comments                            | Comments                        | Comments                            | Comments                        | Comments                            |
| No DO readings                  | No DO readings                      | No DO readings                  | No DO readings                      | No DO readings                  | No DO readings                      |
| Longitude (Decimal Degrees)     | Longitude (Decimal Degrees)         | Longitude (Decimal Degrees)     | Longitude (Decimal Degrees)         | Longitude (Decimal Degrees)     | Longitude (Decimal Degrees)         |
| 30.819                          | 30.819                              | 30.88873                        | 30.88873                            | 30.8735                         | 30.8735                             |
| Latitude (Decimal Degrees)      | Latitude (Decimal Degrees)          | Latitude (Decimal Degrees)      | Latitude (Decimal Degrees)          | Latitude (Decimal Degrees)      | Latitude (Decimal Degrees)          |
| —85.5042                        | —85.5042                            | —85.46802                       | —85.46802                           | —85.4723                        | —85.4723                            |
| Bottle Group(s)                 | Bottle Group(s)                     | Bottle Group(s)                 | Bottle Group(s)                     | Bottle Group(s)                 | Bottle Group(s)                     |
| ABC D                           | ABC D                               | A                               | A                                   |                                 |                                     |

Relinquished By: 

Date/Time  
3-1-17 / 14:28

Number of Coolers 3

Received By:

Date/Time

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Central Lab Sample Submittal Form

Request Number: RQ-2017-02-27-65

Event: Alligator Creek

Customer: WQ-ASSESS

Project ID: NWQI

Requester: Curtis Musson

Collected By: *Curtis Musson*

Field Report Prepared By: *Raymond Stuart*

Sampling Agency: FDER

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Field ID →  
Scurlock Creek  
at Pilgrim Rd  
MAR 01, 2017  
G3WA0008-03012017

STORET ↓  
Scurlock Creek  
at Pilgrim Rd  
G3WA0009

Field ID →  
Pine Barn Creek  
at Woodrest Rd  
MAR 01, 2017  
G3WA0011-03012017

STORET ↓  
Pine Barn Creek  
at Woodrest Rd  
G3WA0011

Field ID →  
Unnamed Creek  
at Woodrest Rd  
MAR 01, 2017  
G3WA0010-03012017

STORET ↓  
Unnamed Creek  
at Woodrest Rd  
G3WA0010

| Collection (comp begin or grab) |                                     | Collection (comp begin or grab) |       | Collection (comp begin or grab) |      |
|---------------------------------|-------------------------------------|---------------------------------|-------|---------------------------------|------|
| Comp                            | Grab                                | Date                            | Time  | Date                            | Time |
| <input type="checkbox"/>        | <input checked="" type="checkbox"/> | 3/1/17                          | 10:40 |                                 |      |
| Matrix (Salt, Fresh)            |                                     | Diss. Oxygen (mg/L)             |       | Sample Depts (m)                |      |
|                                 |                                     |                                 |       | 0.15                            |      |
| Temp (C)                        |                                     | pH                              |       | Sp. Conductance (umho/cm)       |      |
| 20.45                           |                                     | 6.45                            |       | 29                              |      |
| Salinity (ppt)                  |                                     | Comments                        |       |                                 |      |
| 0.01                            |                                     | No DO Readings                  |       |                                 |      |
| Latitude (Decimal Degrees)      |                                     | Longitude (Decimal Degrees)     |       |                                 |      |
| 30.8545                         |                                     | -85.4443                        |       |                                 |      |
| Collection (comp begin or grab) |                                     | Collection (comp begin or grab) |       | Collection (comp begin or grab) |      |
| Comp                            | Grab                                | Date                            | Time  | Date                            | Time |
| <input type="checkbox"/>        | <input checked="" type="checkbox"/> | 3/1/17                          | 11:10 |                                 |      |
| Matrix (Salt, Fresh)            |                                     | Diss. Oxygen (mg/L)             |       | Sample Depts (m)                |      |
|                                 |                                     |                                 |       | 0.15                            |      |
| Temp (C)                        |                                     | pH                              |       | Sp. Conductance (umho/cm)       |      |
| 20.19                           |                                     | 5.58                            |       | 39                              |      |
| Salinity (ppt)                  |                                     | Comments                        |       |                                 |      |
| 0.02                            |                                     | No DO Readings                  |       |                                 |      |
| Latitude (Decimal Degrees)      |                                     | Longitude (Decimal Degrees)     |       |                                 |      |
| 30.8358                         |                                     | -85.4488                        |       |                                 |      |
| Collection (comp begin or grab) |                                     | Collection (comp begin or grab) |       | Collection (comp begin or grab) |      |
| Comp                            | Grab                                | Date                            | Time  | Date                            | Time |
| <input type="checkbox"/>        | <input checked="" type="checkbox"/> | 3/1/17                          |       |                                 |      |
| Matrix (Salt, Fresh)            |                                     | Diss. Oxygen (mg/L)             |       | Sample Depts (m)                |      |
|                                 |                                     |                                 |       | 0.3                             |      |
| Temp (C)                        |                                     | pH                              |       | Sp. Conductance (umho/cm)       |      |
| 19.99                           |                                     | 5.60                            |       | 30                              |      |
| Salinity (ppt)                  |                                     | Comments                        |       |                                 |      |
| 0.01                            |                                     | No DO Readings                  |       |                                 |      |
| Latitude (Decimal Degrees)      |                                     | Longitude (Decimal Degrees)     |       |                                 |      |
| 30.8069                         |                                     | -85.4607                        |       |                                 |      |

|                  |                   |              |           |
|------------------|-------------------|--------------|-----------|
| Relinquished By: | Number of Coolers | Received By: | Date/Time |
|                  |                   |              |           |

|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
|-----------------------------------|--|---------------------------------|--|---------------------------------|--|---------------------------------|--|-----------------|--|
| Field ID                          |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Time                            |  | Bottle Group(s) |  |
| Gilbert's Mill Creek at Aycock Rd |  | Date 3-1-17                     |  | Date 01-2                       |  | Time 12:05                      |  | A               |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
| Fresh                             |  | 5.21                            |  | 0.2                             |  | 26                              |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
| 20.66                             |  | 0.01                            |  | No D.O. Measurement             |  | ~85.4401                        |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
| 0.01                              |  | 30.7965                         |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Salinity (ppt)                    |  | Latitude (Decimal Degrees)      |  | Collection (comp begin or grab) |  | Collection (comp begin or grab) |  | Bottle Group(s) |  |
|                                   |  |                                 |  | Date                            |  | Date                            |  |                 |  |
| Matrix (Salt, Fresh)              |  | Diss. Oxygen (mg/L)             |  | Sample Depts (m)                |  | Sp. Conductance (umho/cm)       |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |
| Temp (C)                          |  | pH                              |  | Comments                        |  | Longitude (Decimal Degrees)     |  |                 |  |
|                                   |  |                                 |  |                                 |  |                                 |  |                 |  |

|            |              |                   |                  |                             |          |                                     |   |
|------------|--------------|-------------------|------------------|-----------------------------|----------|-------------------------------------|---|
| Group: A   | Bottle Type: | P-1L              | # of Bottles: 7  | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 7 |
| ALKALINITY |              |                   |                  |                             |          |                                     |   |
| TURBIDITY  |              |                   |                  |                             |          |                                     |   |
| W-CL-IC    |              |                   |                  |                             |          |                                     |   |
| W-COLOR    |              |                   |                  |                             |          |                                     |   |
| W-F        |              |                   |                  |                             |          |                                     |   |
| W-SO4-IC   |              |                   |                  |                             |          |                                     |   |
| W-TDS      |              |                   |                  |                             |          |                                     |   |
| W-TSS      |              |                   |                  |                             |          |                                     |   |
| Group: A   | Bottle Type: | BP-1L             | # of Bottles: 7  | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 7 |
| CHLSUITE-W |              |                   |                  |                             |          |                                     |   |
| Group: A   | Bottle Type: | P-500ML           | # of Bottles: 7  | Preservative: ICE And H2SO4 |          | Enter Number of Bottles Sent to Lab | 7 |
| W-NH3      |              |                   |                  |                             |          |                                     |   |
| W-NO2NO3   |              |                   |                  |                             |          |                                     |   |
| W-S-A-TP   |              |                   |                  |                             |          |                                     |   |
| W-TKN      |              |                   |                  |                             |          |                                     |   |
| W-TOC      |              |                   |                  |                             |          |                                     |   |
| Group: A   | Bottle Type: | P-125ML           | # of Bottles: 7  | Preservative:               | ICE-FLTR | Enter Number of Bottles Sent to Lab | 7 |
| W-PO4-F    |              |                   |                  |                             |          |                                     |   |
| Group: B   | Bottle Type: | P-250ML-WO-THI    | # of Bottles: 1  | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 1 |
| ECOLI-18QT |              |                   |                  |                             |          |                                     |   |
| Group: C   | Bottle Type: | 2-BG-40ML NO ACID | # of Bottles: X2 | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 2 |
| W-LCMS-DIJ |              |                   |                  |                             |          |                                     |   |
| Group: C   | Bottle Type: | BG-1L             | # of Bottles: 1  | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 1 |
| W-UHERB-AA |              |                   |                  |                             |          |                                     |   |
| Group: D   | Bottle Type: | QPCR-P-250ML      | # of Bottles: 2  | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 2 |
| PCR-FILTER |              |                   |                  |                             |          |                                     |   |

Cooler Packing Worksheet for Request: RQ-2017-02-27-65

Alligator Creek

Ship Cooler On: 2/24/2017

Customer/Project: WQ-ASSESS/NWQI

Assigned To: GREENWOO\_J

Requester: Curtis Musson

Priority: 3

850-245-8453  
Division Of Water Facilities, FL DEP  
2600 Blair Stone Rd.  
Tallahassee, FL 32399-2400  
  
Attn: curtis musson

Comments:

No preservatives needed.

Bottle Group(s)

Group A: Freshwater Kit, No Metals

Group B: E. Coli

Group C: Organics (Tracers)

Group D: qPCR (Markers)

Packing Notes

No Shipping labels needed

Requested Analyses:

**Bottle Group: A**

**# of Sites: 7**

Container ID: P-1L

Qty: 7      Preservation: ICE

Lot # 00065181

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 7      Preservation: ICE

Lot # 1183284

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 7 Preservation: ICE And H2SO4

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3  
W-NO2NO3  
W-S-A-TP  
W-TKN  
W-TOC

Description

Ammonia in aqueous matrices as mg N/L  
Nitrite/Nitrate in aqueous matrices as mg N/L  
Total Phosphorus in aqueous matrices as mg P/L  
Total Kjeldahl Nitrogen in aqueous matrices  
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 7 Preservation: ICE-FLTR

Lot # 023470

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

# of Sites: 1

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # L16292

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group: C

# of Sites: 1

Container ID: 2-BG-40ML NO ACID

Qty: 1 Preservation: ICE

Lot # 00056700-UP

Description: Pack of 2 - 40 ml amber glass vials  
without acid

Analysis

W-LCMS-DIJ

Description

Water soluble organic compounds by HPLC/MS/MS

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00065867

Description: Brown Glass Bottle 1L

Analysis

W-UHERB-AA

Description

Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

**Bottle Group: D**

**# of Sites: 1**

Container ID: QPCR-P-250ML

Qty: 2    Preservation: ICE

Lot # 00066493

Description:

**Analysis**

PCR-FILTER

**Description**

Preparation of Samples by Filtration and held for qPCR Analysis

Cooler Packed By: 9.5

Date: 2/22/17

DEP Cooler ID #(s): 2

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle (1 per cooler)
- ☐ FedEx Bills, if applicable (1 per cooler)
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

|          |             |
|----------|-------------|
| ID _____ | Lot # _____ |
| ID _____ | Lot # _____ |
| ID _____ | Lot # _____ |
| ID _____ | Lot # _____ |
| ID _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2017-02-27-65**