



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Megginis Arm Run Downstream of Sharer

Date: 3/22/2018

WIN/ Field ID: G1WA0033

WBID: 809A

Latitude: 30.4804

(mm/dd/yyyy)

County: Leon

ORG ID: 21FLWQA

Longitude: -84.2982

(Decimal Degrees)

Receiving Body of Water: Lake Jackson

RQ-2018- 03-19-26

(Decimal Degrees)

| Sampling Team Members                                                        |      |                                                                                                                                                                                         |                  |                 | WQ Measurements                         | Sample Collection                                                                 | Documentation | Preservation               | Preservation Check | Sampling Equipment                                   |                                             |                               |  |  |
|------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------------------------------------|-----------------------------------------------------------------------------------|---------------|----------------------------|--------------------|------------------------------------------------------|---------------------------------------------|-------------------------------|--|--|
| Curtis Musson                                                                |      |                                                                                                                                                                                         |                  |                 |                                         | X                                                                                 |               |                            |                    | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |  |  |
| Jason Storrs                                                                 |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |  |  |
| Blake Spencer                                                                |      |                                                                                                                                                                                         |                  |                 | X                                       | X                                                                                 | X             | X                          |                    | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |  |  |
|                                                                              |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    | Depth Measured with Equipment ID                     |                                             |                               |  |  |
|                                                                              |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    | Collection Method                                    |                                             |                               |  |  |
|                                                                              |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    | <input checked="" type="checkbox"/> Wading           | <input type="checkbox"/> Canoe/Kayak        |                               |  |  |
|                                                                              |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    | <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor     |                               |  |  |
|                                                                              |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    | <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor     |                               |  |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |      |                                                                                                                                                                                         |                  |                 | Meter ID# Biology #2                    |                                                                                   |               |                            |                    | Matrix: <u>Fresh</u> / Marine / DI                   |                                             |                               |  |  |
| Photos: Yes / No                                                             |      | Flow: No Flow / Intestinal / <u>Flowing</u> / NA                                                                                                                                        |                  |                 | Tide: Rising/ Falling/ Slack/ <u>NA</u> |                                                                                   |               | Tide Times: High NA Low NA |                    |                                                      |                                             |                               |  |  |
| Time Zone                                                                    | Time | Total Depth (m)                                                                                                                                                                         | Sample Depth (m) | Secchi Disk (m) | DO (mg/L)                               | DO (%SAT)                                                                         | pH            | Salinity (PPT)             | Sp COND (µmhos/cm) | Temp. (C°)                                           |                                             |                               |  |  |
| EST                                                                          | 0725 | 0.2                                                                                                                                                                                     | 0.1              | 1.0B            | 9.15                                    | 88.9                                                                              | 6.29          | 0.04                       | 87                 | 14.05                                                |                                             |                               |  |  |
| CEN                                                                          |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    |                                                      |                                             |                               |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    |                                                      |                                             |                               |  |  |
| SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:               |      |                                                                                                                                                                                         |                  |                 |                                         |                                                                                   |               |                            |                    |                                                      |                                             |                               |  |  |
| Parameter Suite                                                              |      | Parameter Methods                                                                                                                                                                       |                  |                 |                                         | Preservation                                                                      |               | 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 |               | 7341020                    | 12/7/18            | <input type="checkbox"/> <2                          |                                             |                               |  |  |
| Metals                                                                       |      | <input checked="" type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                              |                  |                 |                                         | <input checked="" type="checkbox"/> Ice <input type="checkbox"/> HNO3             |               |                            |                    | <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                                           |               | 10827034                   |                    |                                                      |                                             |                               |  |  |
| 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-CL-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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                         |                  |                 |                                         | <input checked="" type="checkbox"/> Ice                                           |               |                            |                    |                                                      |                                             |                               |  |  |
| Molecular                                                                    |      | <input checked="" type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD |                  |                 |                                         | <input checked="" type="checkbox"/> Ice                                           |               |                            |                    |                                                      |                                             |                               |  |  |
| Tracers                                                                      |      | <input checked="" type="checkbox"/> W-SUC-AA-R <input checked="" type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                       |                  |                 |                                         | <input checked="" type="checkbox"/> Ice                                           |               |                            |                    |                                                      |                                             |                               |  |  |
| Pesticides                                                                   |      | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-CARB-AA                                           |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |               |                            |                    |                                                      |                                             |                               |  |  |
|                                                                              |      | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R                                            |                  |                 |                                         | <input type="checkbox"/> Other                                                    |               |                            |                    |                                                      |                                             |                               |  |  |

## Notes:

Kit-A,  
FW Bact  
Tracers  
Markers

Tracers - W-E8321-DI & W-E8324-MS

Megginis Arm Run  
Downstream of Sharer

WIN ID/Field ID

G1WA0033

Signature:

Date:

3/27/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



# 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 ID: Bio #2 RQ- 2018-03-19-26 Project: SMP

- Notes: (1) Always wait for meter to stabilize before recording any readings.  
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).  
 (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 \_\_\_\_\_

| 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.            | Blake Spencer | 3/21/18 | 1534       | 21.60 | 8.812           | 8.81            | 100.0 | 43.1         |            | P/F         | L/F         |
| ICV                | Blake Spencer | 3/21/18 | 1535       | 21.61 | 8.812           | 8.81            | 100.1 | 43.1         |            | P/F         | L/F         |
| CCV                | Curtis Mussen | 3/22/18 | 14:29      | 19.55 | 9.155           | 8.97            | 99.4  | 33           |            | P/F         | L/F         |
| CCV                |               |         |            |       |                 |                 |       |              |            | P/F         | L/F         |

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

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

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

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.             | Blake Spencer | 3/21/18 | 1538       | 171005B | 10/2018     | 1000                   | 1000                        | P/F         | L/F         |
| ICV                 | Blake Spencer | 3/21/18 | 1539       | 171005B | 10/2018     | 1000                   | 1001                        | P/F         | L/F         |
| CCV                 | Curtis Mussen | 3/22/18 | 1433       | 171005E | 10/2018     | 100                    | 101                         | P/F         | L/F         |
| CCV                 |               |         |            |         |             |                        |                             | P/F         | L/F         |

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.            | Blake Spencer | 3/21/18 | 1548       | 171005B | 4/2019      | 7.0          | 7.00             | 5.3    | P/F         | L/F         |
| Calibr.            | Blake Spencer | 3/21/18 | 1557       | 171005B | 10/2018     | 4.0          | 4.00             | 175.0  | P/F         | L/F         |
| Calibr.            | Blake Spencer | 3/21/18 | 1552       | 171005C | 04/19       | 10.0         | 10.00            | -162.9 | P/F         | L/F         |
| ICV                | Blake Spencer | 3/21/18 | 1558       | 171005A | 10/2018     | 4.00         | 4.00             | +178.3 | P/F         | L/F         |
| CCV                | Curtis Mussen | 3/22/18 | 1435       | 171005C | 04/2019     | 10.01        | 10.17            | -170   | P/F         | L/F         |
| CCV                |               |         |            |         |             |              |                  |        | P/F         | L/F         |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ;

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

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

If mV are recorded: slope from 7 to 10 \_\_\_\_\_, slope from 4 to 7 \_\_\_\_\_ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification \_\_\_\_\_

| Depth Sensor (Daily Calibration & ICV) | Name | Date | Time CT-ET | Calibrated Value (0.00 or Offset), meters | ICV Value meters | Pass / Fail | Lab / Field |
|----------------------------------------|------|------|------------|-------------------------------------------|------------------|-------------|-------------|
| Pressure mode in air                   |      |      |            |                                           |                  | P/F         | L/F         |

Report two decimal places. Round numbers  $\leq 4$  down,  $\geq 5$  up. ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater.

COMMENTS:

Florida Department of Environmental Protection  
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

|              |            |                   |            |                                       |          |               |                           |                 |            |
|--------------|------------|-------------------|------------|---------------------------------------|----------|---------------|---------------------------|-----------------|------------|
| Location     |            | WIN ID/Field ID   |            | Collection (comp begin or grab)       |          | Composite end |                           | Bottle Group(s) |            |
| Field ID     |            | WIN ID/Field ID   |            | Matrix (type, e.g., Salt, Fresh, etc) | Time     | Diss. Oxygen  | Total Res. Chlorine       |                 |            |
| WIN/STORET # |            |                   |            | Temp (C)                              | pH       | Sample Depth  | Sp. Conductance (umho/cm) |                 |            |
| Latitude     | 30.334     | Longitude         | -84.387    | Salinity (ppt)                        | Comments |               |                           |                 | A, C       |
| Location     |            | WIN ID / Field ID |            | Collection (comp begin or grab)       |          | Composite end |                           | Bottle Group(s) |            |
| Field ID     |            | WIN ID / Field ID |            | Matrix (type, e.g., Salt, Fresh, etc) | Time     | Diss. Oxygen  | Total Res. Chlorine       |                 |            |
| WIN/STORET # |            |                   |            | Temp (C)                              | pH       | Sample Depth  | Sp. Conductance (umho/cm) |                 |            |
| Latitude     | 30.32635   | Longitude         | -84.30273  | Salinity (ppt)                        | Comments |               |                           |                 | A, C       |
| Location     |            | FILED/WIN ID      |            | Collection (comp begin or grab)       |          | Composite end |                           | Bottle Group(s) |            |
| Field ID     |            | FILED/WIN ID      |            | Matrix (type, e.g., Salt, Fresh, etc) | Time     | Diss. Oxygen  | Total Res. Chlorine       |                 |            |
| WIN/STORET # |            |                   |            | Temp (C)                              | pH       | Sample Depth  | Sp. Conductance (umho/cm) |                 |            |
| Latitude     | 30.4172381 | Longitude         | -84.057057 | Salinity (ppt)                        | Comments |               |                           |                 | A, B, C, D |
| Location     |            | WIN ID / FIELD ID |            | Collection (comp begin or grab)       |          | Composite end |                           | Bottle Group(s) |            |
| Field ID     |            | WIN ID / FIELD ID |            | Matrix (type, e.g., Salt, Fresh, etc) | Time     | Diss. Oxygen  | Total Res. Chlorine       |                 |            |
| WIN/STORET # |            |                   |            | Temp (C)                              | pH       | Sample Depth  | Sp. Conductance (umho/cm) |                 |            |
| Latitude     | 30.4095    | Longitude         | -84.3073   | Salinity (ppt)                        | Comments |               |                           |                 | A, B, C, E |

|                  |              |                 |                            |              |              |
|------------------|--------------|-----------------|----------------------------|--------------|--------------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time    |
| Curtis M         | 3/22/18 1347 | HD              | 43                         | [Signature]  | 3/22/18 1348 |



Florida Department of Environmental Protection  
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Project ID: SMP

Field Report Prepared By:

Collected By:

Sampling Agency:

| Location                        |              | WIN ID / Field ID                     |           | Collection (comp begin or grab) |        | Composite end |                            | Bottle Group(s) |                 |
|---------------------------------|--------------|---------------------------------------|-----------|---------------------------------|--------|---------------|----------------------------|-----------------|-----------------|
| Field ID                        | WIN/STORET # | Matrix (type, e.g., Salt, Fresh, etc) | Date      | Time                            | mg/L   | % sat         | Total Res. Chlorine (mg/L) | Time            | (See pg 2)      |
| <b>Chicken Branch</b>           |              |                                       |           |                                 |        |               |                            |                 |                 |
| <b>at Old Plank Rd</b>          |              |                                       |           |                                 |        |               |                            |                 |                 |
| Latitude                        | 30.3261      | dd dms                                | Longitude | -84.1481                        | dd dms | Temp (C)      | 15.14                      | pH              | 7.08            |
| Salinity (ppt) 0.13             |              |                                       |           |                                 |        |               |                            |                 |                 |
| Comments                        |              |                                       |           |                                 |        |               |                            |                 |                 |
| <b>Big Branch 50</b>            |              |                                       |           |                                 |        |               |                            |                 |                 |
| <b>meters upstream of CR 67</b> |              |                                       |           |                                 |        |               |                            |                 |                 |
| Field ID                        | WIN/STORET # | Matrix (type, e.g., Salt, Fresh, etc) | Date      | Time                            | mg/L   | % sat         | Total Res. Chlorine (mg/L) | Time            | Bottle Group(s) |
| Latitude                        | 30.3112      | dd dms                                | Longitude | -84.7651                        | dd dms | Temp (C)      | 13.47                      | pH              | 4.32            |
| Salinity (ppt) 0.01             |              |                                       |           |                                 |        |               |                            |                 |                 |
| Comments                        |              |                                       |           |                                 |        |               |                            |                 |                 |
| <b>Godby Drainage</b>           |              |                                       |           |                                 |        |               |                            |                 |                 |
| <b>at Progress Dr.</b>          |              |                                       |           |                                 |        |               |                            |                 |                 |
| Field ID                        | WIN/STORET # | Matrix (type, e.g., Salt, Fresh, etc) | Date      | Time                            | mg/L   | % sat         | Total Res. Chlorine (mg/L) | Time            | Bottle Group(s) |
| Latitude                        | 30.44461     | dd dms                                | Longitude | -84.34474                       | dd dms | Temp (C)      | 13.61                      | pH              | 7.07            |
| Salinity (ppt) 0.08             |              |                                       |           |                                 |        |               |                            |                 |                 |
| Comments                        |              |                                       |           |                                 |        |               |                            |                 |                 |
| <b>Megginnis Arm Run</b>        |              |                                       |           |                                 |        |               |                            |                 |                 |
| <b>Downstream of Sharer</b>     |              |                                       |           |                                 |        |               |                            |                 |                 |
| Field ID                        | WIN/STORET # | Matrix (type, e.g., Salt, Fresh, etc) | Date      | Time                            | mg/L   | % sat         | Total Res. Chlorine (mg/L) | Time            | Bottle Group(s) |
| Latitude                        | 30.4804      | dd dms                                | Longitude | -84.2982                        | dd dms | Temp (C)      | 14.05                      | pH              | 6.29            |
| Salinity (ppt) 0.04             |              |                                       |           |                                 |        |               |                            |                 |                 |
| Comments                        |              |                                       |           |                                 |        |               |                            |                 |                 |

|                  |              |                 |                            |              |              |
|------------------|--------------|-----------------|----------------------------|--------------|--------------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time    |
|                  | 3/22/18 1347 | HD              | 43                         |              | 3/22/18 1348 |

|          |                                                                                                    |                |                 |                                          |                                     |   |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|------------------------------------------|-------------------------------------|---|
| Group: A | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 7 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 6 |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 7 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 6 |
| Group: A | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 7 | Preservative: ICE And H2SO4              | Enter Number of Bottles Sent to Lab | 6 |
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 7 | Preservative: FILTER-ICE                 | Enter Number of Bottles Sent to Lab | 6 |
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 2 | Preservative: HNO3                       | Enter Number of Bottles Sent to Lab | 2 |
| Group: C | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 8 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 8 |
| Group: D | Bottle Type:<br>PCR-FILTER                                                                         | QPCR-P-250ML   | # of Bottles: 8 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 8 |
| Group: D | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 4 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 4 |
| Group: E | Bottle Type:<br>W-CARB-AA                                                                          | BG-500ML       | # of Bottles: 1 | Preservative: CH2ClCOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | 1 |
| Group: E | Bottle Type:                                                                                       | BG-500ML       | # of Bottles: 4 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 4 |

|          |                                          |          |                 |               |     |                                     |   |
|----------|------------------------------------------|----------|-----------------|---------------|-----|-------------------------------------|---|
| Group: E | Bottle Type:<br>W-CT-CI-R<br>W-PCL-SQ-R  | BG-500ML | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 4 |
| Group: E | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS | BG-500ML | # of Bottles: 1 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 1 |
| Group: E | Bottle Type:<br>W-PSNP-TQ                | BG-1L    | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 4 |

**Cooler Packing Worksheet for Request: RQ-2018-03-19-26**  
**CDD, Godby, Megginnis, Chicken, Sand, 8, Black158, Big Branch**

**Ship Cooler On: 3/15/2018**  
**Customer/Project: WAS-SECT/SMP**

Assigned To: GREENWOO\_J  
Requester: Curtis Musson  
Priority: 3

850-245-8453  
2600 Blair Stone Rd  
  
Tallahassee, FL 32399  
  
Attn: Curtis Musson

**Comments:**

Group A: Freshwater Kit  
Group B: Metals  
Group C: E. coli  
Group D: Tracers/Markers (Aherb short list)  
Group E: Pesticides (AHERB Long List)

**Packing Notes:**

No FedEx Labels  
No Trash Bags  
2 - submittal forms  
1 - case of sulfuric acid

**Requested Analyses:**

**Bottle Group: A**

**# of Sites: 7**

**Container ID: P-1L**

**Qty: 7      Preservation: ICE**

**Lot #** 00070298

**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 #** 1217342

**Description: Brown Plastic Bottle 1L**

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-500ML

Qty: 7 Preservation: ICE And H2SO4

Lot # 0070302

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: FILTER-ICE

Lot # 0068347

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: 2**

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 0070302

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

**Analysis**

W-ICP  
W-ICPMS

**Description**

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects  
Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

**Bottle Group: C**

**# of Sites: 8**

Container ID: P-250ML-WO-THI

Qty: 8 Preservation: ICE

Lot # 117167

Description:

**Analysis**

ECOLI-18QT

**Description**

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

**Bottle Group: D**

**# of Sites: 4**



Container ID: QPCR-P-250ML

Qty: 8 Preservation: ICE

Lot # 00069545

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot # 0007377

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: E

# of Sites: 1

Container ID: BG-500ML

Qty: 1 Preservation: CH<sub>2</sub>ClCOOH Pre-Preserved

Lot # 00069229

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot # 0007107

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 0007107

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00009911

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

**Analysis**

W-PSNP-TQ

**Description**

Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Cooler Packed By: J.D.

Number of Coolers: 5

Date: 3/13/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☐ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

|    |                             |     |                |       |                   |
|----|-----------------------------|-----|----------------|-------|-------------------|
| ID | <u>MCAT Buffer Solution</u> | Exp | <u>1/10/19</u> | Lot # | <u>08817</u>      |
| ID | <u>Sulfuric Acid</u>        | Exp | <u>12/7/18</u> | Lot # | <u>JA 7341020</u> |
| ID |                             | Exp |                | Lot # |                   |
| ID |                             | Exp |                | Lot # |                   |
| ID |                             | Exp |                | Lot # |                   |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-03-19-26**