



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

PAGE 1 OF 8

March 2017

Data Qualified?

Yes ☒ No ☐

Location/STORET Station Name: Eight Mile Pond Middle

Date: 05/31/2017

STORET # G1WA0024

WBID: 807A

Latitude: 30.32635

County: Leon

RQ - 2017-05-29-22

ORG ID: 21FLWQA

Longitude: -84.30273

(Decimal Degrees)

Receiving Body of Water: Munson Slough

Field ID: G1WA0024 05312017

(Decimal Degrees)

| Sampling Team Members                                     |      |                  |                 |           | WQ Measurements  | Sample Collection | Documentation  | Preservation    | Preservation Check | Sampling Equipment                                   |                                                 |                               |  |
|-----------------------------------------------------------|------|------------------|-----------------|-----------|------------------|-------------------|----------------|-----------------|--------------------|------------------------------------------------------|-------------------------------------------------|-------------------------------|--|
| Ben Ralys                                                 |      |                  |                 |           |                  |                   |                |                 |                    | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn               | <input type="checkbox"/> Pole |  |
| Diana Turner                                              |      |                  |                 |           |                  |                   |                |                 |                    | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe                |                               |  |
|                                                           |      |                  |                 |           |                  |                   |                |                 |                    | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                  |                               |  |
|                                                           |      |                  |                 |           |                  |                   |                |                 |                    | Equipment ID                                         |                                                 |                               |  |
|                                                           |      |                  |                 |           |                  |                   |                |                 |                    | Collection Method                                    |                                                 |                               |  |
|                                                           |      |                  |                 |           |                  |                   |                |                 |                    | <input type="checkbox"/> Wading                      | Via Boat                                        |                               |  |
|                                                           |      |                  |                 |           |                  |                   |                |                 |                    | <input type="checkbox"/> From Shore                  | <input checked="" type="checkbox"/> Canoe/Kayak |                               |  |
|                                                           |      |                  |                 |           |                  |                   |                |                 |                    | <input type="checkbox"/> Other (note below)          | <input type="checkbox"/> Electric Motor         |                               |  |
|                                                           |      |                  |                 |           |                  |                   |                |                 |                    | <input type="checkbox"/> Gasoline Motor              |                                                 |                               |  |
| Water Level: Dry / Pooled / Low / Normal / High / Flooded |      |                  |                 |           |                  |                   |                |                 |                    | Matrix: Fresh / Marine / DI                          |                                                 |                               |  |
| Meter ID# Biology #2                                      |      |                  |                 |           | 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                                                       | 9:34 | 0.3              | 0.6             | 6.03      | 77.6             | 7.14              | 0.05           | WOB             | 106                | 28.49                                                |                                                 |                               |  |
| 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 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> 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"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input 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 / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-CI-IC / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" type="checkbox"/> W-TDS | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> 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 type="checkbox"/> qPCR                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Tracers                     | <input checked="" type="checkbox"/> W-SUC-AA-R <input checked="" type="checkbox"/> W-UHERB-AA <input checked="" type="checkbox"/> W-AHERB-AA                                                                                                                                                                                                                                | <input checked="" 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-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R                                                                                                                     | <input type="checkbox"/> Ice <input type="checkbox"/> Other                       |           |            |                                        |

Contains  
1:1  
Sulfuric Acid  
SA-6302030  
EXP: 10/28/17  
Warning!  
See SDS

Preservative Sticker(s) Here  
(If Available)

Notes:

1-Kit A  
FW Bact  
Tracers  
Markers

Eight Mile  
Pond Middle

STORET ↓



G1WA0024

Field ID →

Eight Mile Pond  
Middle

May 31, 2017



G1WA0024 05312017

Signature:

*[Signature]*

Date:

5/31/17

Field Parameters Entered into LIMS: DT 6/1/2017

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved: DT 6/1/2017

(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 page.

Meter **Biology #2**

RQ- **2017-05-29-22**

Project **SMP**

- 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 **03/06/2017**

| DO<br>DEP SOP<br>FT 1500 | Name      | Date    | Time<br>CT-ET | Temp  | D.O.<br>Chart<br>mg/L | Meter<br>D.O.<br>mg/L | % DO  | Probe<br>Charge | Probe<br>Gain | Pass<br>/<br>Fail | Lab<br>/<br>Field |
|--------------------------|-----------|---------|---------------|-------|-----------------------|-----------------------|-------|-----------------|---------------|-------------------|-------------------|
| Calibr.                  | Ben Ralys | 5/31/17 | 7:08          | 22.27 | 8.71                  | 8.70                  | 100.1 | 27.7            | -             | P                 | L                 |
| ICV                      | Ben Ralys | 5/31/17 | 7:09          | 22.29 | 8.71                  | 8.72                  | 100.2 | 27.7            | -             | P                 | L                 |
| CCV                      | Ben Ralys | 6/1/17  | 7:18          | 21.9  | 8.76                  | 8.48                  | 97.0  | 26.7            | -             | P                 | L                 |
| 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.<br>Cond.<br>FT 1200 | Name      | Date    | Time<br>CT-ET | Lot #   | Expir.<br>Date | Standard<br>$\mu$ mhos/cm | Meter<br>Reading<br>$\mu$ mhos/cm | Pass<br>/<br>Fail | Lab<br>/<br>Field |
|---------------------------|-----------|---------|---------------|---------|----------------|---------------------------|-----------------------------------|-------------------|-------------------|
| Calibr.                   | Ben Ralys | 5/31/17 | 7:12          | 161111D | 11/2017        | 1,000                     | 1,000                             | P                 | L                 |
| ICV                       | Ben Ralys | 5/31/17 | 7:13          | 161111D | 11/2017        | 1,000                     | 1,001                             | P                 | L                 |
| CCV                       | Ben Ralys | 6/1/17  | 7:24          | 170310E | 3/2018         | 100                       | 105                               | P                 | L                 |
| CCV                       |           |         |               |         |                |                           |                                   |                   |                   |

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

Conductivity Acceptance criteria  $\pm 5\%$

| pH<br>DEP SOP<br>FT 1100 | Name      | Date    | Time<br>CT-ET | Lot #   | Expir.<br>Date | pH<br>Buffer<br>SU | Meter<br>reading<br>SU | mV     | Pass<br>/<br>Fail | Lab<br>/<br>Field |
|--------------------------|-----------|---------|---------------|---------|----------------|--------------------|------------------------|--------|-------------------|-------------------|
| Calibr.                  | Ben Ralys | 5/31/17 | 7:15          | 170310B | 9/2018         | 7.0                | 6.98                   | -6.8   | P                 | L                 |
| Calibr.                  | Ben Ralys | 5/31/17 | 7:18          | 170310A | 3/2018         | 4.0                | 3.84                   | 165.8  | P                 | L                 |
| Calibr.                  | Ben Ralys | 5/31/17 | 7:21          | 161111C | 5/2018         | 10.0               | 9.99                   | -171.2 | P                 | L                 |
| ICV                      | Ben Ralys | 5/31/17 | 7:22          | 161111C | 5/2018         | 10.0               | 9.92                   | -167.2 | P                 | L                 |
| CCV                      | Ben Ralys | 6/1/17  | 7:26          | 170310A | 3/2018         | 4.0                | 4.01                   | 155.9  | P                 | L                 |
| 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<br>(Daily) | Name | Date | Time<br>CT-ET | Zero the<br>Sensor | ICV Value | Pass /<br>Fail | Lab /<br>Field |
|-------------------------|------|------|---------------|--------------------|-----------|----------------|----------------|
| Pressure mode<br>in air |      |      |               | 0.000              |           |                |                |

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

|                                                                                                                                                                                                |                                                |                                                                                                                                                                                                                                                                                                                                                     |                                   |                                                                                                                                                                                                                                                                                                                                                     |             |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|
| Request Number: 2017-05-29-22                                                                                                                                                                  | FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION |                                                                                                                                                                                                                                                                                                                                                     | Central Lab Sample Submittal Form |                                                                                                                                                                                                                                                                                                                                                     | Page 1 of 2 |                        |
| Customer: WQ-ASSESS                                                                                                                                                                            | Requester: Curtis Musson                       | Field Report Prepared By: Ben Rabys                                                                                                                                                                                                                                                                                                                 | Sampling Agency: FDEP             |                                                                                                                                                                                                                                                                                                                                                     |             |                        |
| Project ID: SMP                                                                                                                                                                                | Collected By: Ben Rabys, Diana Turner          |                                                                                                                                                                                                                                                                                                                                                     |                                   |                                                                                                                                                                                                                                                                                                                                                     |             |                        |
| <div>STORÉT</div> <div>Sand Pond Middle</div> <div>Field ID →</div> <div>Sand Pond Middle</div> <div>May 31, 2017</div> <div>GIWA0044_05312017</div>                                           |                                                | <div>Collection (comp begin or grab)</div> <div>Central</div> <div>Date</div> <div>Time</div> <div>Matrix (Salt, Fresh)</div> <div>Diss. Oxygen (mg/L)</div> <div>pH</div> <div>Sample Depts (m)</div> <div>Sp. Conductance (umho/cm)</div> <div>Latitude (Decimal Degrees)</div> <div>Longitude (Decimal Degrees)</div> <div>Bottle Group(s)</div> |                                   | <div>Collection (comp begin or grab)</div> <div>Central</div> <div>Date</div> <div>Time</div> <div>Matrix (Salt, Fresh)</div> <div>Diss. Oxygen (mg/L)</div> <div>pH</div> <div>Sample Depts (m)</div> <div>Sp. Conductance (umho/cm)</div> <div>Latitude (Decimal Degrees)</div> <div>Longitude (Decimal Degrees)</div> <div>Bottle Group(s)</div> |             |                        |
| <div>STORÉT</div> <div>Sally Ward Spring at Wakulla Park Dr.</div> <div>Field ID →</div> <div>Sally Ward Spring at Wakulla Park Dr.</div> <div>MAY 31, 2017</div> <div>GIWA0021_05312017</div> |                                                | <div>Collection (comp begin or grab)</div> <div>Central</div> <div>Date</div> <div>Time</div> <div>Matrix (Salt, Fresh)</div> <div>Diss. Oxygen (mg/L)</div> <div>pH</div> <div>Sample Depts (m)</div> <div>Sp. Conductance (umho/cm)</div> <div>Latitude (Decimal Degrees)</div> <div>Longitude (Decimal Degrees)</div> <div>Bottle Group(s)</div> |                                   | <div>Collection (comp begin or grab)</div> <div>Central</div> <div>Date</div> <div>Time</div> <div>Matrix (Salt, Fresh)</div> <div>Diss. Oxygen (mg/L)</div> <div>pH</div> <div>Sample Depts (m)</div> <div>Sp. Conductance (umho/cm)</div> <div>Latitude (Decimal Degrees)</div> <div>Longitude (Decimal Degrees)</div> <div>Bottle Group(s)</div> |             |                        |
| <div>STORÉT</div> <div>Eight Mile Pond Middle</div> <div>Field ID →</div> <div>Eight Mile Pond Middle</div> <div>May 31, 2017</div> <div>GIWA0024_05312017</div>                               |                                                | <div>Collection (comp begin or grab)</div> <div>Central</div> <div>Date</div> <div>Time</div> <div>Matrix (Salt, Fresh)</div> <div>Diss. Oxygen (mg/L)</div> <div>pH</div> <div>Sample Depts (m)</div> <div>Sp. Conductance (umho/cm)</div> <div>Latitude (Decimal Degrees)</div> <div>Longitude (Decimal Degrees)</div> <div>Bottle Group(s)</div> |                                   | <div>Collection (comp begin or grab)</div> <div>Central</div> <div>Date</div> <div>Time</div> <div>Matrix (Salt, Fresh)</div> <div>Diss. Oxygen (mg/L)</div> <div>pH</div> <div>Sample Depts (m)</div> <div>Sp. Conductance (umho/cm)</div> <div>Latitude (Decimal Degrees)</div> <div>Longitude (Decimal Degrees)</div> <div>Bottle Group(s)</div> |             |                        |
| Relinquished By: Diana Turner                                                                                                                                                                  |                                                | Date/Time 5/31/17 1:28pm                                                                                                                                                                                                                                                                                                                            |                                   | Received By: SPK                                                                                                                                                                                                                                                                                                                                    |             | Date/Time 5.31.17 1:37 |

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Central Lab Sample Submittal Form

Request Number: 2017-05-29-22

Requester: Curtis Musson

Field Report Prepared By: Ben Rabs  
Sampling Agency: FDEP

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Collected By: Ben Rabs, Diana Turner

| 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)                |
| Fresh                           | Fresh                               | Fresh                           | Fresh                               | Fresh                           | Fresh                               |
| Temp (C)                        | Temp (C)                            | Temp (C)                        | Temp (C)                            | Temp (C)                        | Temp (C)                            |
| 22.06                           | 22.06                               | 26.7                            | 26.7                                | 26.7                            | 26.7                                |
| pH                              | pH                                  | pH                              | pH                                  | pH                              | pH                                  |
| 7.16                            | 7.16                                | 6.94                            | 6.94                                | 6.94                            | 6.94                                |
| Diss. Oxygen (mg/L)             | Diss. Oxygen (mg/L)                 | Diss. Oxygen (mg/L)             | Diss. Oxygen (mg/L)                 | Diss. Oxygen (mg/L)             | Diss. Oxygen (mg/L)                 |
| 7.09                            | 7.09                                | 8.16                            | 8.16                                | 8.16                            | 8.16                                |
| Sample Depts (m)                | Sample Depts (m)                    | Sample Depts (m)                | Sample Depts (m)                    | Sample Depts (m)                | Sample Depts (m)                    |
| 0.3                             | 0.3                                 | 0.15                            | 0.15                                | 0.15                            | 0.15                                |
| Sp. Conductance (umho/cm)       | Sp. Conductance (umho/cm)           | Sp. Conductance (umho/cm)       | Sp. Conductance (umho/cm)           | Sp. Conductance (umho/cm)       | Sp. Conductance (umho/cm)           |
| 276                             | 276                                 | 113                             | 113                                 | 113                             | 113                                 |
| Latitude (Decimal Degrees)      | Latitude (Decimal Degrees)          | Latitude (Decimal Degrees)      | Latitude (Decimal Degrees)          | Latitude (Decimal Degrees)      | Latitude (Decimal Degrees)          |
| 30.3261                         | 30.3261                             | 30.4544                         | 30.4544                             | 30.4544                         | 30.4544                             |
| Longitude (Decimal Degrees)     | Longitude (Decimal Degrees)         | Longitude (Decimal Degrees)     | Longitude (Decimal Degrees)         | Longitude (Decimal Degrees)     | Longitude (Decimal Degrees)         |
| -84.1481                        | -84.1481                            | -84.2204                        | -84.2204                            | -84.2204                        | -84.2204                            |
| Collection Date                 | Collection Date                     | Collection Date                 | Collection Date                     | Collection Date                 | Collection Date                     |
| 5/31/17                         | 5/31/17                             | 5/31/17                         | 5/31/17                             | 5/31/17                         | 5/31/17                             |
| Time                            | Time                                | Time                            | Time                                | Time                            | Time                                |
| 10:23 AM                        | 10:23 AM                            | 11:27 AM                        | 11:27 AM                            | 11:27 AM                        | 11:27 AM                            |
| Bottle Group(s)                 | Bottle Group(s)                     | Bottle Group(s)                 | Bottle Group(s)                     | Bottle Group(s)                 | Bottle Group(s)                     |
| A, B, C, D, E                   | A, B, C, D, E                       | A, B, C, D, E                   | A, B, C, D, E                       | A, B, C, D, E                   | A, B, C, D, E                       |

STORET ↓  
Chicken Branch  
at Old Plank Rd  
Field ID →  
G1WA00031\_05312017

STORET ↓  
Lake Lafayette Drain  
250 meters  
downstream of  
Weems Rd  
Field ID →  
G1WA00007\_05312017

STORET ↓  
Godby Drainage  
Progress Dr.  
Field ID →  
G1WA00061\_05312017

STORET ↓  
Godby Drainage  
Progress Dr.  
Field ID →  
G1WA00061\_05312017

Relinquished By: Diana Turner  
Date/Time: 5/31/17 1:28 pm  
Number of Coolers: 2  
Received By: SR  
Date/Time: 5/31/17 1:31

|          |                                                                                                    |                |                 |                             |          |                                     |   |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|----------|-------------------------------------|---|
| 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: 6 | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 5 |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 6 | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 5 |
| 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: 6 | Preservative: ICE And H2SO4 |          | Enter Number of Bottles Sent to Lab | 5 |
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 6 | Preservative:               | ICE-FLTR | Enter Number of Bottles Sent to Lab | 5 |
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1 | Preservative:               | HNO3     | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 4 | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 3 |
| Group: D | Bottle Type:<br>W-AHERB-AA<br>W-SUC-AA-R<br>W-UHERB-AA                                             | BG-1L          | # of Bottles: 4 | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 3 |
| Group: E | Bottle Type:<br>PCR-FILTER<br>PCR-HF183                                                            | QPCR-P-250ML   | # of Bottles: 8 | Preservative:               | ICE      | Enter Number of Bottles Sent to Lab | 6 |

Cooler Packing Worksheet for Request: RQ-2017-05-29-22

Sally, Sand, Eight, Chicken, Godby, Lafayette

Ship Cooler On: 5/15/2017

Customer/Project: WQAP/SMP

Assigned To:

Requester: Curtis Musson

Priority: 3

850-245-8453  
2600 Blair Stone Rd  
MS #3525  
Tallahassee, FL 32399-2400  
Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Nutrients, CHLA, Physical Aggregates

Group B: Metals

Group C: Microbiology (Bacteria)

Group D: Organics (Wastewater Tracers)

Group E: PCR (Wastewater Markers)

Packing Notes:

No FedEx labels needed, samples will be dropped off.

Requested Analyses:

**Bottle Group: A**

**# of Sites: 6**

Container ID: P-1L

Qty: 6      Preservation: ICE

Lot # 88067591

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: 6      Preservation: ICE

Lot # 1196409

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-500ML

Qty: 6 Preservation: ICE And H2SO4

Lot # 55067590

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: 6 Preservation: ICE-FLTR

Lot # 55066993

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-500ML

Qty: 1 Preservation: HNO3

Lot # 55067590

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: 4**

Container ID: P-250ML-WO-THI

Qty: 4 Preservation: ICE

Lot # 417013

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: BG-1L

Qty: 4 Preservation: ICE

Lot # 55065807

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

**Analysis**

W-AHERB-AA

W-SUC-AA-R

W-UHERB-AA

**Description**

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Analysis of sucralose in water matrices by HPLC/MS/MS

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

**Bottle Group: E**

**# of Sites: 4**

Container ID: QPCR-P-250ML

Qty: 8 Preservation: ICE

Lot # 55067081

Description:

**Analysis**

PCR-FILTER

PCR-HF183

**Description**

Preparation of Samples by Filtration and held for qPCR Analysis

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Cooler Packed By: [Signature]

Number of Coolers: 3

Date: 5-22-17

Kit must also include:

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

If Preservation Included:

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

**PLEASE RETURN ALL COOLERS FOR RQ-2017-05-29-22**