



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

PAGE 1 OF 9

Data Qualified?

Yes / No

STORET Station Name: Central Drainage Ditch downstream of Orange Ave.

Date: 4/7/16

(mm/dd/yyyy)

STORET Station ID: G1WA0026

Latitude: 30.4095

(Decimal Degrees)

WBID: 857

RQ - 2016-04-04-81

ORG ID: 21FLWQA

Longitude: -84.3073

(Decimal Degrees)

Receiving Body of Water: Lake Munson

Field ID: G1WA0026

County: Leon/Gadsden

| Sampling Team Members |  | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-----------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| William Lasey         |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Benjamin Ralys        |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                       |  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                       |  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

| Sampling Equipment                                   |                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input checked="" type="checkbox"/> Van Dorn <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe                                |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                                             |
| Equipment ID                                         |                                                                            |
| Collection Method                                    |                                                                            |
| <input checked="" type="checkbox"/> Wading           | <input type="checkbox"/> Via Boat                                          |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Canoe/Kayak                                       |
| <input type="checkbox"/> Other (note below)          | <input type="checkbox"/> Electric Motor                                    |
|                                                      | <input type="checkbox"/> Gasoline Motor                                    |

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

Matrix: Fresh / Marine / DI

Meter ID# 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 (umhos/cm) | Temp. (C°) |
|-----------|---------|------------------|-----------------|-----------|-----------|-----|----------------|-----------------|--------------------|------------|
| EST       | 01:45pm | 0.3              | 0.4             | 8.05      | 90.2      | 7.3 | 0.10           | VOB             | 203                | 20.91      |
| CEN       | -       | -                | -               | -         | -         | -   | -              | -               | -                  | -          |

Biological Samples Collected: None HA SCI LVS RPS LVI Other

| 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 type="checkbox"/> Ice <input type="checkbox"/> H2SO4 | SA-5259020 | 09/16/16   | <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 checked="" type="checkbox"/> Field Filtered 0.45 um Filter                               | <input type="checkbox"/> Ice                                |            |            |                                        |
| Chlorophyll                  | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                              | <input type="checkbox"/> Ice                                |            |            |                                        |
| BOD                          | <input checked="" type="checkbox"/> BOD-UNIN                                                                                                | <input type="checkbox"/> Ice                                |            |            |                                        |
| Physical/Aggregate (Kit A/C) | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                             | <input type="checkbox"/> Ice                                |            |            |                                        |
| Physical/Aggregate (Kit B/D) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                               | <input type="checkbox"/> Ice                                |            |            |                                        |
| Macroinvertebrates           | <input type="checkbox"/> MI-FW-QLDC                                                                                                         | <input type="checkbox"/> Formalin                           |            |            |                                        |
| Microbiology                 | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococcus <input type="checkbox"/> QPCR         | <input type="checkbox"/> Ice                                |            |            |                                        |
| Periphyton                   | <input type="checkbox"/> ALGAE-ID                                                                                                           | <input type="checkbox"/> Ice                                |            |            |                                        |
| Pesticides                   | <input checked="" type="checkbox"/> W-PSNP-TQ <input checked="" type="checkbox"/> W-AHERB-AA <input checked="" type="checkbox"/> W-PYR-AA-R | <input type="checkbox"/> Ice                                |            |            |                                        |
|                              | <input checked="" type="checkbox"/> W-PC-AA-SF <input checked="" type="checkbox"/> W-UHERB-AA <input checked="" type="checkbox"/> W-GLYPH   | <input type="checkbox"/> Other                              |            |            |                                        |

Contains  
1:1  
Sulfuric Acid

SA-5259020

EXP: 09/16/16

Warning!

See MSDS

Sticker(s) Here  
(available)

Notes:



G1WA0026 06 April 2016

Central Drainage Ditch downstream of Orange Ave.

Signature: *William Lasey*

Date: 4-8-16

Field Parameters Entered into LIMS: CM 4-8-16

Field Parameters QC in LIMS: BR 4/25/16

Date Migrated to STORET: DT 7-13-16

Field Sheets Scanned/Saved: CM 7-15-16

(Initials/Date)

(Initials/Date)

(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 page.

Meter Biology #2

RQ- 2016-04-04-81

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

03/04/2016

03/04/2016

3/4/16

| 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.            | Ben Ralys   | 4/7/16 | 7:23       | 21.70 | 8.79            | 8.79            | 100  | 38.0         |            | Pass        | Lab         |
| ICV                | Ben Ralys   | 4/7/16 | 7:24       | 21.77 | 8.79            | 8.78            | 100  | 38.0         |            | Pass        | Lab         |
| CCV                | Will Lasley | 4/7/16 | 02:44      | 29.5  | 7.62            | 7.42            | 97.7 | 41.0         |            | Pass        | Lab         |
| 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.             | Ben Ralys   | 4/7/16 | 7:27       | CC14162 | 10/15/16    | 996                    | 996                         | Pass        | Lab         |
| ICV                 | Ben Ralys   | 4/7/16 | 7:29       | CC14162 | 10/15/16    | 996                    | 996                         | Pass        | Lab         |
| CCV                 | Will Lasley | 4/7/16 | 2:46       | CC13882 | 7/15/16     | 101.1                  | 100                         | Pass        | 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.            | Ben Ralys   | 4/7/16 | 7:32       | 153035 | 07/2017     | 7.0          | 7.0              | -8.2  | Pass        | Lab         |
| Calibr.            | Ben Ralys   | 4/7/16 | 7:36       | 154634 | 07/2017     | 4.0          | 4.0              | 166.1 | Pass        | Lab         |
| Calibr.            |             |        |            |        |             | 10.0         |                  |       |             |             |
| ICV                |             |        |            |        |             |              |                  |       |             |             |
| CCV                | Will Lasley | 4/7/16 | 2:48       | 146934 | 10/2016     | 10.0         | 10.0             | 183.6 | Pass        | 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-2016-04-04-81

Central Drainage Ditch, Lake Talquin, Lake Tallavanna  
and Stafford CreekFlorida Department of Environmental Protection  
Central Laboratory Submittal Form

Page 1 of 3

last revised Nov 10, 2015

Customer: WQAP

Requester: Benjamin Ralys

Field Report Prepared By: Ben Ralys

Project ID: SMP

Collected By: Ben Ralys, Will Lasley

Sampling Agency: FDEP

|                                                                    |                                                                        |                                                                           |                                                                        |                              |                                                                            |                                  |
|--------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------|----------------------------------|
| Location<br>Central Drainage Ditch downstream of Orange Ave.       |                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 4/7/16 Time 01:45 pm           | Eastern<br>Central           | Composite end<br>Date — Time 01:45                                         | Bottle Group(s)<br>(See pg 2)    |
| Field ID<br>G1WA0026                                               |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                                        | Diss. Oxygen<br>8.05         | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| STORET #<br>G1WA0026                                               |                                                                        | Temp<br>(C) 20.91                                                         | pH<br>7.3                                                              | Sample Depth<br>0.3          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 203 |
| Latitude<br>30.4095                                                | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-84.3073                                                     | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 0.10       | Comments                                                                   |                                  |
| Location<br><del>Stafford Creek 100 meters upstream of SR 69</del> |                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 4/7/16 Time —                  | Eastern<br>Central           | Composite end<br>Date — Time —                                             | Bottle Group(s)                  |
| Field ID<br><del>G2WA0004</del>                                    |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)<br><del>fresh</del>                 |                                                                        | Diss. Oxygen<br><del>—</del> | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| STORET #<br><del>G2WA0004</del>                                    |                                                                        | Temp<br>(C) —                                                             | pH<br>—                                                                | Sample Depth<br>0.3          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) —   |
| Latitude<br>30.4991                                                | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-85.0427                                                     | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) —          | Comments                                                                   |                                  |
| Location<br>Tallavanna Lake Middle                                 |                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 4/7/16 Time 12:15              | Eastern<br>Central           | Composite end<br>Date — Time 12:15                                         | Bottle Group(s)                  |
| Field ID<br>G1WA0045                                               |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                                        | Diss. Oxygen<br>12.10        | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| STORET #<br>G1WA0045                                               |                                                                        | Temp<br>(C) 21.78                                                         | pH<br>8.5                                                              | Sample Depth<br>0.3          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 90  |
| Latitude<br>30.59862                                               | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-84.46593                                                    | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 0.04       | Comments                                                                   |                                  |
| Location<br>Lake Talquin Middle                                    |                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 4/7/16 Time 09:45              | Eastern<br>Central           | Composite end<br>Date — Time 09:45                                         | Bottle Group(s)                  |
| Field ID<br>G1WA0032                                               |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                                        | Diss. Oxygen<br>6.06         | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) —  |
| STORET #<br>G1WA0032                                               |                                                                        | Temp<br>(C) 18.92                                                         | pH<br>6.0                                                              | Sample Depth<br>0.3          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 38  |
| Latitude<br>30.44904                                               | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-84.52323                                                    | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 0.02       | Comments                                                                   |                                  |

|                               |                     |                                   |              |           |                  |           |                     |                            |
|-------------------------------|---------------------|-----------------------------------|--------------|-----------|------------------|-----------|---------------------|----------------------------|
| Relinquished By:<br>Ben Ralys | Date/Time<br>4/7/16 | Shipping Method<br>hand delivered | Received By: | Date/Time | Relinquished By: | Date/Time | Received By:<br>MUB | Date/Time<br>4/7/16/12:23p |
|-------------------------------|---------------------|-----------------------------------|--------------|-----------|------------------|-----------|---------------------|----------------------------|

Date of Request: 23-MAR-2016  
 Created By: RALYS\_B On: 23-MAR-2016  
 Modified By: WATTS\_J On: 24-MAR-2016  
 Customer: WQAP  
 Project: SMP  
 Division:  
 District:

**Send Coolers To:**

Phone: 850-245-8443  
 2600 Blair Stone Rd  
 MS #3560  
 Tallahassee, FL 32399-2400  
 Attn: Benjamin Ralys

Sampling Event: Central Drainage Ditch, Lake Talquin, Lake Tallavanna and Stafford Creek

**Send Final Report To:**

2600 Blair Stone Rd  
 MS #3560  
 Tallahassee, FL 32399-2400  
 Attn: Katrina Sanders

Program Module Number:

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 24-MAR-2016  
 Biology Request Reviewed By: WATTS\_J On: 24-MAR-2016  
 Sampling Kit Required: YES Ship on: 28-MAR-2016  
 Sampling Kit Shipped: YES On: 28-MAR-2016  
 Sampling Kit Packed By: KITCHEN\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 07-APR-2016

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

Received By:

Comments: Bottle Group A = freshwater chemistry  
 Bottle Group B = pesticides  
 Bottle Group C = phytoplankton  
 Bottle Group D = 1 sample Pyraclostrobin

**Bottle Group A (Water) With 4 Samples:**

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 4 | Preserved With: ICE                                                                                  |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                             |
| Total Alkalinity  |                      |                                                                                                      |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                   |
| Turbidity         |                      |                                                                                                      |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                    |
| Chloride          |                      |                                                                                                      |
| W-COLOR           | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                            |
| Color (true)      |                      |                                                                                                      |
| W-F               | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| Fluoride          |                      |                                                                                                      |
| W-NO <sub>2</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite in aqueous matrices as mg N/L                                           |
| Nitrite-N         |                      |                                                                                                      |
| W-TDS             | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                            |
| TDS               |                      |                                                                                                      |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                            |
| TSS               |                      |                                                                                                      |

|                                 |                      |                                         |
|---------------------------------|----------------------|-----------------------------------------|
| Bottle Type: P-1L               | Number of Bottles: 4 | Preserved With: ICE                     |
| BOD-UNIN                        | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited |
| Biochemical Oxygen Demand-5 Day |                      |                                         |

|                               |                      |                                                                                                                    |
|-------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L            | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| CHLSUITE-W                    | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                                    |
| Chlorophyll-a, Corrected      |                      |                                                                                                                    |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                                    |

**Bottle Group B (Water) With 4 Samples:**

Bottle Type: BG-1L      Number of Bottles: 10      Preserved With: ICE  
 W-PC-AA-SF      Template:      (DEP SOP: GC-011-5 (based on EPA 608 and 617)) Organochlorine pesticides (low levels) in water matrices by GC/ECD.

Endrin Aldehyde  
 Gamma-BHC  
 Heptachlor  
 Heptachlor Epoxide  
 Methoxychlor  
 Mirex  
 Permethrin  
 Trifluralin

Bottle Type: BG-1L      Number of Bottles: 10      Preserved With: ICE  
 W-PSNP-TQ      Template:      (EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

\*Ametryn  
 \*Atrazine  
 \*Atrazine Desethyl  
 \*Chlorpyrifos Ethyl  
 \*Chlorpyrifos Methyl  
 \*Disulfoton  
 \*EPTC  
 \*Ethion  
 \*Ethoprop  
 \*Fipronil  
 \*Hexazinone  
 \*Malathion  
 \*Metribuzin  
 \*Mevinphos  
 \*Molinate  
 \*Norflurazon  
 \*Pendimethalin  
 \*Phorate  
 \*Prometryn  
 \*Simazine  
 \*Terbufos  
 \*Terbutylazine

Bottle Type: BG-1L      Number of Bottles: 4      Preserved With: ICE  
 W-PYR-AA-R      Template: DEFAULT      (EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS  
 \*Pyraclostrobin

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

Bottle Type: BP-1L      Number of Bottles: 1      Preserved With: Lugols  
 DTY-QN-C      Template: DEFAULT      (SOP-AB05\_1) No. of diatom taxa of quantitative phytoplankton sample.  
 \*Phytoplankton-Quantitative-#Diatom Taxa  
 PKD-QN-BV      Template: DEFAULT      (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts.  
 \*Phytoplankton-Quant Biovolume-#Wet Taxa

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

Bottle Type: BG-1L      Number of Bottles: 1      Preserved With: ICE  
 W-PYR-AA-R      Template: DEFAULT      (EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS  
 \*Pyraclostrobin

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

Cooler Packing Worksheet for Request: RQ-2016-04-04-81  
Central Drainage Ditch, Lake Talquin, Lake Tallavanna and Stafford Creek

Ship Cooler On: 3/23/2016  
Customer/Project: WQAP/SMP

Requester: Benjamin Ralys  
Priority: 3

850-245-8443  
2600 Blair Stone Rd  
MS #3560  
Tallahassee, FL 32399-2400  
Attn: Benjamin Ralys

Comments:

No preservatives needed.

Bottle Group A = freshwater chemistry  
Bottle Group B = pesticides  
Bottle Group C = phytoplankton  
Bottle Group D = 1 sample Pyraclostrobin

Requested Analyses:

**Bottle Group: A**

**# of Sites: 4**

Container ID: P-1L

Qty: 4      Preservation: ICE

Lot # 00064196

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-NO2  
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)  
Nitrite in aqueous matrices as mg N/L  
Total Dissolved Solids in aqueous matrices  
Total Suspended Solids in aqueous matrices

Container ID: P-1L

Qty: 4      Preservation: ICE

Lot # 00064196

Description: Plastic Bottle 1L

**Analysis**

BOD-UNIN

**Description**

BOD, NOT nitrogen-inhibited

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1168614

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00063982

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: 4 Preservation: ICE-FLTR

Lot # 00064632

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: 4

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00063991

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-GLYPH

W-UHERB-AA

Description

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

Glyphosate in water matrices by HPLC/MS/MS

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

Container ID: BG-1L

Qty: 10 Preservation: ICE

Lot # 00063991

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PC-AA-SF

Description

Organochlorine pesticides (low levels) in water matrices by GC/ECD.

Container ID: BG-1L

Qty: 10 Preservation: ICE

Lot # 00063991

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

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00063991

Description: Brown Glass Bottle 1L

Analysis

W-PYR-AA-R

Description

Pyraclostrobin in water matrices by HPLC/MS/MS

Bottle Group: C

# of Sites: 1

Container ID: BP-1L

Qty: 1 Preservation: Lugols

Lot # 1168614

Description: Brown Plastic Bottle 1L

Analysis

DTY-QN-C

PKD-QN-BV

Description

No. of diatom taxa of quantitative phytoplankton sample.

No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts.

Bottle Group: D

# of Sites: 1

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00063991

Description: Brown Glass Bottle 1L

Analysis

W-PYR-AA-R

Description

Pyraclostrobin in water matrices by HPLC/MS/MS

Cooler Packed By: SK Date: 3.28.16  
DEP Cooler ID #(s): 6 coolers

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-2016-04-04-81**