

Date of Request: 13-JUN-2016  
 Created By: RALYS\_B On: 13-JUN-2016  
 Modified By: MATTHEWS\_D On: 14-JUN-2016  
 Customer: WQAP  
 Project: SMP  
 Division:  
 District:  
 Sampling Event: Central Drainage Ditch, Lake Talquin, Lake Tallavanna and Stafford Creek

**Send Coolers To:**

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

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 14-JUN-2016  
 Biology Request Reviewed By: MATTHEWS\_D On: 14-JUN-2016  
 Sampling Kit Required: YES Ship on: 17-JUN-2016  
 Sampling Kit Shipped: YES On: 17-JUN-2016  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 30-JUN-2016  
 Received By:

**Send Final Report To:**

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

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

Comments: Bottle Group A: Algal  
 Bottle Group B: Freshwater Chemistry no metals  
 Bottle Group C: Freshwater Pesticides  
 Bottle Group D: Phytoplankton

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

Bottle Type: PT-50ML Number of Bottles: 2 Preserved With: ICE  
 ALGAL\_ID Template: DEFAULT (SOP-AB05) Qualitative assessment of algal taxa present without counts  
 \*Dominant sample taxon

**Bottle Group B (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-SO4-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices  
 Sulfate  
 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: 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

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

|                            |                      |                                                                                                                    |
|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| 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-a, Corrected   |                      |                                                                                                                    |
| Chlorophyll-a, Uncorrected |                      |                                                                                                                    |
| Phaeophytin-a              |                      |                                                                                                                    |
| Bottle Type: P-500ML       | Number of Bottles: 4 | Preserved With: ICE And H2SO4                                                                                      |
| W-NH3                      | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                         |
| Ammonia-N                  |                      |                                                                                                                    |
| W-NO2NO3                   | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                 |
| NO2NO3-N                   |                      |                                                                                                                    |
| W-S-A-TP                   | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                |
| Total-P                    |                      |                                                                                                                    |
| W-TKN                      | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                   |
| Kjeldahl Nitrogen          |                      |                                                                                                                    |
| W-TOC                      | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                                     |
| Organic Carbon             |                      |                                                                                                                    |
| Bottle Type: P-125ML       | Number of Bottles: 4 | Preserved With: ICE-FLTR                                                                                           |
| W-PO4-F                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                           |
| O-Phosphate-P              |                      |                                                                                                                    |

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

|                    |                       |                                                                                                                    |
|--------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 4  | Preserved With: ICE                                                                                                |
| W-AHERB-AA         | Template: DEFAULT     | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS                             |
| 2,4,5-T            |                       |                                                                                                                    |
| 2,4-D              |                       |                                                                                                                    |
| 2,4-DB             |                       |                                                                                                                    |
| Acifluorfen        |                       |                                                                                                                    |
| Bentazon           |                       |                                                                                                                    |
| Dichlorprop        |                       |                                                                                                                    |
| Dinoseb            |                       |                                                                                                                    |
| MCPA               |                       |                                                                                                                    |
| MCPP               |                       |                                                                                                                    |
| Silvex             |                       |                                                                                                                    |
| W-GLYPH            | Template: DEFAULT     | (EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS                                                             |
| *Glyphosate        |                       |                                                                                                                    |
| W-UHERB-AA         | Template: DEFAULT     | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS                               |
| *Acetaminophen     |                       |                                                                                                                    |
| *Carbamazepine     |                       |                                                                                                                    |
| *Fluridone         |                       |                                                                                                                    |
| *Primidone         |                       |                                                                                                                    |
| Diuron             |                       |                                                                                                                    |
| Fenuron            |                       |                                                                                                                    |
| Imidacloprid       |                       |                                                                                                                    |
| Linuron            |                       |                                                                                                                    |
| Bottle Type: BG-1L | Number of Bottles: 10 | Preserved With: ICE                                                                                                |
| W-PC-AA-SF         | Template: DEFAULT     | (DEP SOP: GC-011-5 (based on EPA 608 and 617)) Organochlorine pesticides (low levels) in water matrices by GC/ECD. |
| Aldrin             |                       |                                                                                                                    |
| Alpha-BHC          |                       |                                                                                                                    |
| Beta-BHC           |                       |                                                                                                                    |
| Carbophenothion    |                       |                                                                                                                    |
| Chlorothalonil     |                       |                                                                                                                    |
| Cypermethrin       |                       |                                                                                                                    |
| DDD-p,p'           |                       |                                                                                                                    |
| DDE-p,p'           |                       |                                                                                                                    |
| DDT-p,p'           |                       |                                                                                                                    |
| Delta-BHC          |                       |                                                                                                                    |
| Dicofol            |                       |                                                                                                                    |
| Dieldrin           |                       |                                                                                                                    |
| Endosulfan I       |                       |                                                                                                                    |
| Endosulfan II      |                       |                                                                                                                    |

**Bottle Group C (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.

Endosulfan Sulfate  
 Endrin  
 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 Group D (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

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