

Date of Request: 24-APR-2017
 Created By: MUSSON_C On: 24-APR-2017
 Modified By: MUSSON_C On: 24-APR-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Big Branch, Stafford, Coon

Send Coolers To:

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

Program Module Number:
 Priority: 3
 Event Status: P
 Criminal Investigation: NO
 Chemistry Request Reviewed By:
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 08-MAY-2017
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 24-MAY-2017
 Received By:

Send Final Report To:

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

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

Comments: Group A: Nutrients, CHLA, Physical Aggregates
 Group B: Metals
 Group C: Microbiology (Bacteria)
 Group D: Organics (Wastewater Tracers)
 Group E: PCR (Wastewater Markers)
 Group F: Pesticides

Packing Notes:
 No FedEx labels needed

Bottle Group A (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
ALKALINITY Total Alkalinity	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
CHLSUITE-W Chlorophyll/Phaeophytin Ratio Chlorophyll-a, Corrected Chlorophyll-a, Uncorrected Phaeophytin-a	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
TURBIDITY Turbidity	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC Chloride	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
W-F Fluoride	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-NH3 Ammonia-N	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3 NO2NO3-N	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L

Bottle Group A (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-PO4-F O-Phosphate-P	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
W-S-A-TP Total-P	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-SO4-IC Sulfate	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TKN Kjeldahl Nitrogen	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC Organic Carbon	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
W-TSS TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-ICP Calcium Chromium Iron Magnesium Nickel Potassium Sodium Zinc	Template: DEFAULT	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS Arsenic Cadmium Copper Lead Silver	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Bottle Group C (Water) With 3 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Escherichia Coli-Quanti-Tray		

Bottle Group D (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-AHERB-AA *Triclopyr 2,4,5-T 2,4-D 2,4-DB Acifluorfen Bentazon Dicamba Dichlorprop Dinoseb MCPA MCP Picloram Silvex	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R *Sucralose	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA *Acetaminophen *Carbamazepine	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
*Fluridone		
*Primidone		
Diuron		
Fenuron		
Imidacloprid		
Linuron		

Bottle Group E (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
*HF183 - Human Source Marker		

Bottle Group F (Water) With 1 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
W-GLYPH	Template: DEFAULT	(EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS
*Glyphosate		
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM
Aldrin		
Alpha-BHC		
Alpha-Chlordane		
Beta-BHC		
Carbophenothion		
Chlorothalonil		
Cypermethrin		
DDD-p,p'		
DDE-p,p'		
DDT-p,p'		
Delta-BHC		
Dicofol		
Dieldrin		
Endosulfan I		
Endosulfan II		
Endosulfan Sulfate		
Endrin		
Endrin Aldehyde		
Endrin Ketone		
Gamma-BHC		
Gamma-Chlordane		
Heptachlor		
Heptachlor Epoxide		
Methoxychlor		
Mirex		
Permethrin		
Trifluralin		
W-PSNP-TQ	Template: DEFAULT	(EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS
Acetochlor		
Alachlor		
Ametryn		
Atrazine		
Atrazine Desethyl		
Azinphos Methyl		
Bromacil		
Butylate		
Chlorpyrifos Ethyl		
Chlorpyrifos Methyl		
Cyanazine		
Demeton		
Diazinon		
Disulfoton		

Bottle Group F (Water) With 1 Samples:

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

EPTC
Ethion
Ethoprop
Fenamiphos
Fipronil
Fipronil Sulfide
Fipronil Sulfone
Fonofos
Hexazinone
Malathion
Metalaxyl
Metolachlor
Metribuzin
Mevinphos
Molinate
Norflurazon
Parathion Ethyl
Parathion Methyl
Pendimethalin
Phorate
Prometon
Prometryn
Simazine
Terbufos
Terbutylazine

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.