

RQ-2019-02-25-48

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2-27-19 / 15:18

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
0.8			16		✓			
1.8			6		✓			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

****Chain of Custody/ Field Sheet(s) Included?** Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No Date

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes No ✓ If yes, is it intact? Yes No
****Caps on tight?** Yes ✓ No ****Containers intact?** Yes ✓ No
****Sufficient Sample Volume:** Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No Init:

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples:** pH ≤ 2.0? Yes ✓ No NA Init: SR

****W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes No ✓ NA Init: SR

Coolers Unpacked/Checked by: SR Date: 2-27-19 NCRs (Y/N)? N

Event ID: Group 2
WAS-SECT-2019-02-27-01 (SMP)

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_02_2018EXP:4/27/19
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	8261 EXP: 07/2021

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No ✓

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Group 2

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Avril Wood-McGrath

Project ID: SMP

Collected By:

Blake Spencer, Avril Wood-McGrath, Steve Cofone

Sampling Agency:

FAEP

Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/27/19 Time 11:31	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID		G2WA0012	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 0.3	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #		Location Stone Mill Creek Upstream of Dianna St.	Temp (C) 17.99	pH 5.4	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 43
Latitude 30.15788847	☒ dd ☐ dms	Longitude -85.23051114	☒ dd ☐ dms	Salinity (ppt) 0.02	Comments Dissolved Oxygen is 0.3%; W-CT-CL-R not collected		
Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/27/19 Time 12:15	Eastern Central	Composite end Date 2/27/19 Time 12:15	Bottle Group(s)
Field ID		G2WA0010	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 10.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #		Location Big Branch Downstream of Road 5	Temp (C) 17.35	pH 4.92	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 28
Latitude 30.15825339	☒ dd ☐ dms	Longitude -85.25200674	☒ dd ☐ dms	Salinity (ppt) 0.01	Comments		
Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/27/19 Time 10:55	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID		G2WA0005	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen —	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #		Location Coon Creek 100 meters upstream of CR 69	Temp (C) —	pH —	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) —
Latitude 30.39283938	☒ dd ☐ dms	Longitude -85.06315982	☒ dd ☐ dms	Salinity (ppt) —	Comments		
Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/27/19 Time 10:10	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID		G2WA0020	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 08.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #		Location Wilson Mill Creek	Temp (C) 17.52	pH 7.36	Sample Depth 0.05	☐ ft ☒ m	Sp. Conductance (umho/cm) 77
Latitude 30.5777	☒ dd ☐ dms	Longitude -85.591	☒ dd ☐ dms	Salinity (ppt) 0.04	Comments W-CT-CL-R not collected		

Relinquished By: COFONE	Date/Time 2/27/19 15:18	Shipping Method HAND	Number of Coolers Shipped: 2	Received By: SR	Date/Time 2.27.19/15:18
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Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
ECOLI-18QT					
Group: A	Bottle Type: BG-500ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	60 AUM 2/27/19
W-CT-CI-R					
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
W-ICP		HNO3 LOT# NA8080070 EXP: 03/21/19			
W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
W-NH3		H2SO4 LOT# SA8274050 EXP: 10/01/2019			
W-NO2NO3					
W-S-A-TP					
W-TKN					
W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
W-PO4-F					
Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC					

Group: B Bottle Type: P-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1

W-TDS

W-TSS

Group: B Bottle Type: BP-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1

CHLSUITE-W

Group: B Bottle Type: P-250ML-WO-THI # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1

ECOLI-18QT

Group: B Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 1

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

H2SO4
LOT# SA8274050
EXP: 10/01/2019

Group: B Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1

W-PO4-F

Group: C Bottle Type: P-250ML-WO-THI # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1

ECOLI-18QT

Date of Request: 11-FEB-2019
 Created By: MUSSON_C On: 11-FEB-2019
 Modified By: JASROTIA_P On: 11-FEB-2019
 Customer: WAS-SECT
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Group 2

Send Coolers To:

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

Send Final Report To:

2600 Blair Stone Rd
 Tallahassee, FL 32399
 Attn: Curtis Musson

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 11-FEB-2019
 Biology Request Reviewed By: JASROTIA_P On: 11-FEB-2019
 Sampling Kit Required: YES Ship on: 21-FEB-2019
 Sampling Kit Shipped: YES On: 18-FEB-2019
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: YES
 Date to Receive Samples: 27-FEB-2019
 Received By:

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

Comments: Group A: Nutrients, Metals, E. coli
 WBIDs 1075, 512 Stone & Willson Mill Creeks
 Group B: Nutrients E. coli
 WBID 1154 Big Branch
 Group C: E. coli
 WBID 885, Coon Creek
 Packing Notes:
 No FedEx Labels
 No Trash Bags
 1 - case of sulfuric acid
 1 - case of nitric acid
 2 - sets each of sulfuric and nitric acid labels

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
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)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 2	Preserved With: ICE

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-250ML-WO-THI ECOLI-18QT	Number of Bottles: 2 Template: DEFAULT	Preserved With: ICE (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: BG-500ML W-CT-CI-R	Number of Bottles: 6 Template: DEFAULT	Preserved With: ICE (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
Bottle Type: P-500ML W-ICP	Number of Bottles: 2 Template:	Preserved With: HNO3 (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Barium		
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Boron		
Aluminum		
Antimony		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		
Thallium		
Bottle Type: P-500ML W-NH3	Number of Bottles: 2 Template: DEFAULT	Preserved With: ICE And H2SO4 (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML W-PO4-F	Number of Bottles: 2 Template: DEFAULT	Preserved With: FILTER-ICE (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI ECOLI-18QT	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML W-NH3	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE And H2SO4 (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML W-PO4-F	Number of Bottles: 1 Template: DEFAULT	Preserved With: FILTER-ICE (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L ALKALINITY	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
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)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L W-TSS	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L CHLSUITE-W	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI ECOLI-18QT	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
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* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.