

Log-in Checklist

RQ- 2018-05-21-16

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound | Date/Time of Receipt: 06/28/2018 / 14:40

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
RED	1.4C	10				X	
RED	2.9C	16				X	
RED	3.6C	13				X	
RED	2.2C	14				X	

*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 in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

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

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

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X If yes, is it intact? Yes No

**Caps on tight? Yes X No **Containers intact? Yes X No

**Sufficient Sample Volume: Yes X No

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

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		X	W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)		X	W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		X

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

Acid Preserved Samples: pH ≤ 2.0? Yes X No NA Init: **ABS

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

Coolers Unpacked/Checked by: **ABS** Date: 06/28/2018 NCRs (Y/N)? X

Event ID: WAS-SECT-2018-06-28-01 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_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	8062 EXP:2020/12

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No X

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: _____

Salem, Chicken, Godby, Sand, 8, Black, CDD, Swamp,
Harbinwood

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Ben Rabs, Will Lasley

Project ID: SMP

Collected By:

Ben Rabs, Will Lasley

Sampling Agency:

FDEP

Location Central Drainage Ditch downstream of Orange Ave.		WIN ID / FIELD ID  G1WA0026	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/28/18 Time 1002	☒ Eastern ☐ Central	Composite end Date - Time -	Bottle Group(s) (See pg 2) B, D, E	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 84.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
WIN/STORET #			Temp (C) 28.93	pH 7.83	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 132	
Latitude 30.4095	☒ dd ☐ dms	Longitude -84.3073	☒ dd ☐ dms	Salinity (ppt) 0.06	Comments			
Location Godby Drainage at Progress Dr.		WIN ID / Field ID  G1WA0061	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/28/18 Time 1046	☒ Eastern ☐ Central	Composite end Date - Time -	Bottle Group(s) B	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 56.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
WIN/STORET #			Temp (C) 26.74	pH 7.21	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 164	
Latitude 30.444661	☒ dd ☐ dms	Longitude -84.344711	☒ dd ☐ dms	Salinity (ppt) 0.08	Comments			
Location Salem Branch downstream of SR 151		WIN ID / Field ID  G1WA0053	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/28/18 Time 1135	☒ Eastern ☐ Central	Composite end Date - Time -	Bottle Group(s) A	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 89.3	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
WIN/STORET #			Temp (C) 32.13	pH 8.80	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 321	
Latitude 30.63082	☒ dd ☐ dms	Longitude -84.43155	☒ dd ☐ dms	Salinity (ppt) 0.15	Comments Green water, lots of algae			
Location Swamp Creek upstream of Railroad		WIN ID / FIELD ID  G1WA0052	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/28/18 Time 1200	☒ Eastern ☐ Central	Composite end Date - Time -	Bottle Group(s) B	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 88.5	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
WIN/STORET #			Temp (C) 25.24	pH 7.20	Sample Depth 0.25	☐ ft ☒ m	Sp. Conductance (umho/cm) 85	
Latitude 30.663	☒ dd ☐ dms	Longitude -84.448	☒ dd ☐ dms	Salinity (ppt) 0.04	Comments			

Relinquished By: WL	Date/Time 6/28/18 1430	Shipping Method	Number of Coolers Shipped: 4	Received By: (Signature)	Date/Time 6-28-18/1430
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Group: A	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 7	Preservative: ICE And H2SO4 H2SO4 LOT# SA8101020 EXP: 04/11/2019	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 7	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	7
Group: C	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 2	Preservative: HNO3 Lot: NA-7261120 Exp: 09/18/18	Enter Number of Bottles Sent to Lab	2
Group: E	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1

Group: E	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: E	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4

Salem, Chicken, Godby, Sand, 8, Black, CDD, Swamp,
Harbinwood

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Ben Ralys, Will Lasley

Project ID: SMP

Collected By:

Ben Ralys, Will Lasley

Sampling Agency:

FDEP

Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)	
Field ID		G1WA0031		☒ Grab	Date 6/28/18 Time 0738	Central	Date - Time -	(See pg 2)	
WIN/STORET #		Chicken Branch at Old Plank Rd		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
				Fresh		48.5		-	
Latitude		☒ dd	Longitude	☒ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance
30.3261		☐ dms	-84.1481	☐ dms	22.54	7.46	0.25	☒ m	278
Salinity (ppt)		Comments							
0.13									
Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)	
Field ID		G1WA0024		☒ Grab	Date 6/28/18 Time 0810	Central	Date - Time -	(See pg 2)	
WIN/STORET #		Eight Mile Pond Middle		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
				Fresh		57.3		-	
Latitude		☒ dd	Longitude	☒ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance
30.32635		☐ dms	-84.30273	☐ dms	28.43	7.50	0.3	☒ m	84
Salinity (ppt)		Comments							
0.04									
Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)	
Field ID		G1WA0023		☒ Grab	Date 6/28/18 Time 0925	Central	Date - Time -	(See pg 2)	
WIN/STORET #		Black Creek upstream of Bloxham Cutoff		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
				Fresh		74.6		-	
Latitude		☒ dd	Longitude	☒ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance
30.2792		☐ dms	-84.3858	☐ dms	24.51	4.18	0.25	☒ m	48
Salinity (ppt)		Comments							
0.02									
Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)	
Field ID		G1WA0044		☒ Grab	Date 6/28/18 Time 0855	Central	Date - Time -	(See pg 2)	
WIN/STORET #		Sand Pond Middle		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
				Fresh		109.2		-	
Latitude		☒ dd	Longitude	☒ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance
30.334		☐ dms	-84.387	☐ dms	30.68	6.41	0.3	☒ m	15
Salinity (ppt)		Comments							
0.01									

Relinquished By:

WL

Date/Time

6/28/18 1430

Shipping Method

Number of Coolers Shipped:

4

Received By:

ARJ

Date/Time

6-28-18/14:48

Group: A	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 7	Preservative: ICE And H2SO4 H2SO4 LOT# SA8101020 EXP: 04/11/2019	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 7	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	7
Group: C	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 2	Preservative: HNO3 Lot: NA-7261120 Exp: 09/18/18	Enter Number of Bottles Sent to Lab	2
Group: E	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1

Group: E	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: E	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4

Salem, Chicken, Godby, Sand, 8, Black, CDD, Swamp,
Harbinwood

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Ben Raby, Will Lasley

Project ID: SMP

Collected By:

Ben Raby, Will Lasley

Sampling Agency:

FDEP

Location		WIN ID/Filed ID		☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID		Harbinwood Estates Drain		Date		Time		Date		Time		(See pg 2)	
WIN/STORET #		G1WA0034		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B.C.D	
Latitude		Longitude		Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)	
30.5193		-84.3357		30.44		7.04		0.15		113			
Salinity (ppt)		Comments		0.05									
Location		WIN ID/Filed ID		☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID				Date		Time		Date		Time			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude		Longitude		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Salinity (ppt)		Comments											
Location		WIN ID/Filed ID		☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID				Date		Time		Date		Time			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude		Longitude		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Salinity (ppt)		Comments											
Location		WIN ID/Filed ID		☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID				Date		Time		Date		Time			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude		Longitude		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Salinity (ppt)		Comments											

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
WL	6/28/18 1430		4		6-28-18/14:40

Group: A	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 7	Preservative: ICE And H2SO4 H2SO4 LOT# SA8101020 EXP: 04/11/2019	Enter Number of Bottles Sent to Lab	7
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 7	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	7
Group: C	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 2	Preservative: HNO3 Lot: NA-7261120 Exp: 04/18/18	Enter Number of Bottles Sent to Lab	2
Group: E	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1

Group: E	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: E	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4

Date of Request: 16-APR-2018
 Created By: MUSSON_C On: 16-APR-2018
 Modified By: WATTS_J On: 04-JUN-2018
 Customer: WAS-SECT
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Salem, Chicken, Godby, Sand, 8, Black, CDD, Swamp, Harbinwood

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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 30-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 01-MAY-2018
 Sampling Kit Required: YES Ship on: 17-MAY-2018
 Sampling Kit Shipped: YES On: 14-MAY-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 25-JUN-2018
 Received By: SHAIK_A On: 28-JUN-2018

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

Comments: Group A: E.coli
 Group B: E. coli, Nutrients
 Group C: Tracers, Markers
 Group D: Metals
 Group E: Pesticides

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 2 Preserved With: ICE
 ECOLI-18QT Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group B (Water) With 7 Samples:

Bottle Type: P-1L Number of Bottles: 7 Preserved With: ICE
 ALKALINITY Template: DEFAULT (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
 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: 7 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: 7 Preserved With: ICE
 ECOLI-18QT Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: P-500ML Number of Bottles: 7 Preserved With: ICE And H2SO4
 W-NH3 Template: DEFAULT (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

Bottle Group B (Water) With 7 Samples:

Bottle Type: P-500ML	Number of Bottles: 7	Preserved With: ICE And H2SO4
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	Number of Bottles: 7	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group C (Water) With 2 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
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
Arsenic		
Cadmium		
Copper		
Lead		
Silver		

Bottle Group E (Water) With 1 Samples:

Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: CH2ClCOOH Pre-Preserved
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-CT-Cl-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

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

Cooler Packing Worksheet for Request: RQ-2018-05-21-16
Salem, Chicken, Godby, Sand, 8, Black, CDD, Swamp, Harbinwood

Ship Cooler On: 5/17/2018
Customer/Project: WAS-SECT/SMP

Assigned To: REYNOLDS_T
Requester: Curtis Musson
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: E.coli
Group B: E. coli, Nutrients
Group C: Tracers, Markers
Group D: Metals
Group E: Pesticides

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-250ML-WO-THI

Qty: 2 Preservation: ICE

Lot # 618006

Description:

Analysis
ECOLI-18QT

Description
Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group: B

of Sites: 7

Container ID: P-1L

Qty: 7 Preservation: ICE

Lot # 00076298

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 using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 7 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WO-THI

Qty: 7 Preservation: ICE

Lot # L18606

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: P-500ML

Qty: 7 Preservation: ICE And H2SO4

Lot # 00070684

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: 7 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: C

of Sites: 2

Container ID: QPCR-P-500ML

Qty: 2 Preservation: ICE

Lot # 00070172

Description: 500ml Sterile Nalgene

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 2

Preservation: ICE

Lot # 00076845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: D

of Sites: 2

Container ID: P-500ML

Qty: 2

Preservation: HNO3

Lot # 00070684

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: E

of Sites: 1

Container ID: BG-500ML

Qty: 1

Preservation: CH2CICOOH Pre-Preserved

Lot # 00070845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4

Preservation: ICE

Lot # 00070845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot # 00070845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00069604

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

Cooler Packed By: Tyler R.

Number of Coolers: 4

Date: 05/14/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-05-21-16