

Login Checklist

RQ-RQ-2019-05-06-26

Login Station ID: #4

Shipping Method: FedEx | UPS ☒ HD Greyhound

Date/Time of Receipt: 09/18/19 @ 15:09

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
3.8°C				15		X			
3.2°C				16		X			
2.8°C				11		X			
4.8°C				15		X			
3.0°C				12		X			

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **DOH coolers** can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.

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

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

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

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: *Jaylen P.*

Chlorine detected? (One container checked per Field ID) Yes ☐ No ☒ Init: *Jaylen P.*

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: *Jaylen P.*

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: *Jaylen P.*

Coolers Unpacked/Checked by: *Jaylen P. Reynolds* Date: 09/18/19 NCRs (Y/N)? ☒ N

Event ID: G1 Streams WAS-SECT-2019-09-18-01 (SMP) NCR #

Login Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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_04_2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	N/A
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 EXP: 07/30/2021

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: _____

G1 Streams

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

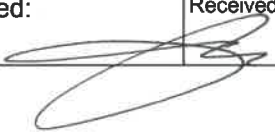
Field Report Prepared By: Ann Wood-McGee

Project ID: SMP

Collected By: Curtis Musson / Ann Wood-McGee

Sampling Agency: FDEP

Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/18/19 Time 12:04	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID	Quincy Creek 100 meters upstream of Ralph Strong Rd		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 97.5	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #	A		Temp (C) 25.1	pH 7.11	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 63.4
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.03	Comments		
Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/18/19 Time 10:21	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Swamp Creek upstream of Railroad		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 82.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #	B		Temp (C) 24.1	pH 6.63	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 89.2
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments		
Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/18/19 Time 8:31	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Cane Creek Downstream of 158A		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 74.5	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #	C		Temp (C) 24.1	pH 7.19	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 297.0
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.14	Comments		
Location		WIN ID / FILED ID → 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/18/19 Time 12:36	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Tanyard Branch 100 meters upstream of Ralph Strong Rd.		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 71.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —
WIN/STORET #	D		Temp (C) 26.3	pH 6.59	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 291.3
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.14	Comments		

Relinquished By: 	Date/Time 9/18/19 15:09	Shipping Method HD	Number of Coolers Shipped: 5	Received By: 	Date/Time 9/18/19 1509
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ECOLI-18QT					
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-HF183					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab _____
	W-CARB-AA					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-CT-CI-R					
	W-PCL-SQ-R					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: _____

Project ID: SMP

Collected By: _____

Sampling Agency: _____

Location		WIN ID / FILED ID →  D	☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 9/18/19	Time 13:19	Eastern ☒ Central	Composite end	Bottle Group(s)	
Field ID		G1WA0049	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		D	
WIN/STORET #		Quincy Creek upstream of SR 65	Temp (C) 25.3		pH 0.24		Sample Depth 0.25		Sp. Conductance (umho/cm) 61.1			
Latitude		☐ dd ☐ dms	Longitude		☐ dd ☐ dms		Salinity (ppt) 0.03		Comments			
Location		WIN ID / FILED ID →  D	☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 9/18/19	Time 13:59	Eastern ☒ Central	Composite end	Bottle Group(s)	
Field ID		G1WA0086	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		D	
WIN/STORET #		Little River at Highbridge Road	Temp (C) 26.1		pH 6.49		Sample Depth 0.3		Sp. Conductance (umho/cm) 84.7			
Latitude		☐ dd ☐ dms	Longitude		☐ dd ☐ dms		Salinity (ppt) 0.04		Comments			
Location		WIN ID / FILED ID →  D	☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 9/18/19	Time 11:19	Eastern ☒ Central	Composite end	Bottle Group(s)	
Field ID		G1WA0087	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		D	
WIN/STORET #		Willacoochee Creek at 161	Temp (C) 24.7		pH 6.50		Sample Depth 0.15		Sp. Conductance (umho/cm) 67.9			
Latitude		☐ dd ☐ dms	Longitude		☐ dd ☐ dms		Salinity (ppt) 0.03		Comments			
Location		☐ Comp		Collection (comp begin or grab)		☐ Grab		Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		Bottle Group(s)		
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		Bottle Group(s)		
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments		

Relinquished By: Amy	Date/Time: 9/18/19 15:09	Shipping Method: HD	Number of Coolers Shipped: 5	Received By: [Signature]	Date/Time: 9/18/19 1509
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Group: A	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 W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	PCR-HF183						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-CT-CI-R W-PCL-SQ-R						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
					HNO3 LOT# NA9099030 EXP: 04/09/20		
Group: A	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# SA9010030 EXP: 04/10/2020		

Group: A	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: BG-1L W-PSNP-TQ	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS CHLSUITE-W	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: BG-500ML W-CARB-AA	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: BG-500ML W-CT-CI-R W-PCL-SQ-R	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 1	Preservative:	HNO3 HNO3 LOT# NA9099030 EXP: 04/09/20	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP	# of Bottles: 1	Preservative:	ICE And H2SO4 H2SO4 LOT# SA9010030 EXP: 04/10/2020	Enter Number of Bottles Sent to Lab	1

H2SO4
 LOT # SA9010030
 EXP: 04/10/2020

Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-TKN				
	W-TOC				
Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F				
Group: B	Bottle Type: BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	W-PSNP-TQ				
Group: C	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				
	W-TDS				
	W-TSS				
Group: C	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUTE-W				
Group: C	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT				
Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	PCR-BACR				
Group: C	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA				
Group: C	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	W-CT-Cl-R				
	W-PCL-SQ-R				
Group: C	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI				
	W-E8321-MS				
Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP				

Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
W-ICPMS					
Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And HNO3	Enter Number of Bottles Sent to Lab	1
LOT# NA9099030 EXP: 04/09/20					
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: C	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: BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
W-PSNP-TQ					
Group: D	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: D	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W					
Group: D	Bottle Type: P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
ECOLI-18QT					
Group: D	Bottle Type: P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	4
LOT# NA9099030 EXP: 04/09/20					
W-ICP W-ICPMS					
Group: D	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN					

Group: D	Bottle Type: W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
Group: D	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4

Cooler Packing Worksheet for Request: RQ-2019-05-06-26

G1 Streams

Ship Cooler On: 5/3/2019

Customer/Project: WAS-SECT/SMP

Assigned To: SHAIK_A

Requester: Curtis Musson

Priority: 3

Please return
packing list with
sample submittal
forms.

850-245-8453

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Quincy Creek 1303A

Nutrients, Metals, PCR-HF183, Pesticides, E.coli

Group B: Swamp Creek 427

Nutrients, Metals, Pesticides, E.coli

Group C: Caney Creek, 716

Nutrients, Metals, PCR-BacR, Pesticides, E.coli

Group D: Quincy Creek (Upstream), 1303 & Tanyard Branch 595

Nutrients, Metals, E. coli

Packing Notes:

No FedEx labels

No Trash Bags

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: P-1L

Qty: 1

Preservation: ICE

Lot #

73854

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

Analysis
W-E8321-DI

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

Description: Brown Glass Bottle 500ML
Affix BLUE dot to container.

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot # 55272340

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

Description: Brown Glass Bottle 500ML
Affix BLUE dot to container.

Container ID: BG-500ML

Qty: 4

Preservation: ICE

Lot # 55272340

Analysis
W-CARB-AA

Description
Carbamates in water matrices by HPLC/MS/MS

Carbamates in water matrices by HPLC/MS/MS

Description: Brown Glass Bottle 500ML
Affix BLUE dot to container.

Container ID: BG-500ML

Qty: 1

Preservation: CH2CICOOH Pre-Preserved

Lot # 55272340

Analysis
PCR-HF183

Description
Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Detection and quantification of human-specific HF183 Bacteroides genetic marker with

Description: 500ml Sterile Naigene
Affix PCR Instruction Label to container

Container ID: QPCR-P-500ML

Qty: 1

Preservation: ICE

Lot # 55270172

Analysis
ECOL-18QT

Description
Escherichia coli by Colliert-18 Quant-18 Tray method - non-chlorinated water systems

Escherichia coli by Colliert-18 Quant-18 Tray method - non-chlorinated water systems

Description: 250 ml Sterilized no tablet

Container ID: P-250ML-WO-THI

Qty: 1

Preservation: ICE

Lot # 55217N

Analysis
CHLSUITE-W

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

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

Description: Brown Plastic Bottle 1L

Container ID: BP-1L

Qty: 1

Preservation: ICE

Lot # 554830

Container ID: P-500ML Qty: 1 Preservation: HNO3 Lot # 12877

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

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

Container ID: P-500ML

Qty: 1

Preservation: ICE And H2SO4

Lot #

12877

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

Ammonia in aqueous matrices as mg N/L

W-NO2NO3

Nitrite/Nitrate in aqueous matrices as mg N/L

W-S-A-TP

Total Phosphorus in aqueous matrices as mg P/L

W-TKN

Total Kjeldahl Nitrogen in aqueous matrices

W-TOC

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1

Preservation: FILTER-ICE

Lot #

12954

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Container ID: BG-1L

Qty: 4

Preservation: ICE

Lot #

13598

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TO

Description

Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group: B

of Sites: 1

Container ID: P-1L

Qty: 1

Preservation: ICE

Lot #

13854

Description: Plastic Bottle 1L

Analysis

ALKALINITY

Description

Alkalinity in aqueous matrices as mg CaCO3/L

TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Container ID: BP-1L	Qty: 1 Preservation: ICE
Description: Brown Plastic Bottle 1L	Lot # 1448 230
<u>Analysis</u>	<u>Description</u>
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Container ID: P-250ML-WO-THI	Qty: 1 Preservation: ICE
Description: 250 ml Sterilized no tablet	Lot # 68417N
<u>Analysis</u>	<u>Description</u>
ECOL-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Container ID: BG-500ML	Qty: 1
Description: Brown Glass Bottle 500ML	Preservation: CH2ClCOOH Pre-Preserved Lot # 5572340
<u>Analysis</u>	<u>Description</u>
W-CARB-AA	Carbamates in water matrices by HPLC/MS/MS
Container ID: BG-500ML	Qty: 2
Description: Brown Glass Bottle 500ML	Preservation: ICE
Lot # 5572340	Affix BLUE dot to container.
<u>Analysis</u>	<u>Description</u>
W-CT-CI-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Organochlorine pesticides in water matrices by GC/MS-SIM
Container ID: BG-500ML	Qty: 1
Description: Brown Glass Bottle 500ML	Preservation: ICE
Lot # 5572340	Affix BLUE dot to container.
<u>Analysis</u>	<u>Description</u>
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Analysis
ALKALINITY
TURBIDITY

Description
Alkalinity in aqueous matrices as mg CaCO₃/L
Turbidity in aqueous matrices

Container ID: P-1L
Description: Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot # 00073554

Bottle Group: C

of Sites: 1

Analysis
W-PSNP-TQ

Description
Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Container ID: BG-1L
Description: Brown Glass Bottle 1L

Qty: 2 Preservation: ICE

Affix BLUE dot to container.

Lot # 00073598

Analysis
W-PO4-F

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

Container ID: P-125ML
Description: Plastic Bottle 125 mL

Qty: 1 Preservation: FILTER-ICE

Lot # 00072954

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-500ML
Description: Plastic Bottle 500 mL

Qty: 1 Preservation: ICE And H₂SO₄

Affix YELLOW sulfuric acid dot to container.

Lot # 00072877

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

Container ID: P-500ML
Description: Plastic Bottle 500 mL

Qty: 1 Preservation: HNO₃

Affix RED nitric acid dot to container.

Lot # 00072877

Analysis	Description	Container ID	Description	Qty	Preservation	Lot #
W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	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	Description: Brown Plastic Bottle 1L	Qty: 1	Preservation: ICE	Lot # 1248330
Analysis CHLSSUTE-W	Description Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	Container ID: P-250ML-WO-THI	Description: 250 ml Sterilized no tablet	Qty: 1	Preservation: ICE	Lot # 65417N
Analysis PCR-BACR	Description Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction	Container ID: QPCR-P-500ML	Description: 500ml Sterile Nalgene	Qty: 1	Preservation: ICE	Lot # 8070172
Analysis W-CARB-AA	Description Carbamates in water matrices by HPLC/MS/MS	Container ID: BG-500ML	Description: Brown Glass Bottle 500ML	Qty: 2	Preservation: ICE	Lot # 00072340
Analysis W-CT-CL-R W-PCL-SQ-R	Description Organochlorine pesticides in water matrices by GC/MS-SIM Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization	Container ID: BG-500ML	Description: Brown Glass Bottle 500ML	Qty: 2	Preservation: ICE	Lot # 00072340

Bottle Group: D

of Sites: 2

Analysis W-PSNP-TQ
Description Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Container ID: BG-1L
Description: Brown Glass Bottle 1L
Qty: 2
Preservation: ICE
Lot # 0073598
Affix BLUE dot to container.

Analysis W-PO4-F

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

Container ID: P-125ML
Description: Plastic Bottle 125 mL
Qty: 1
Preservation: FILTER-ICE
Lot # 0072954

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-500ML
Description: Plastic Bottle 500 mL
Qty: 1
Preservation: ICE And H2SO4
Lot # 0072871
Affix YELLOW sulfuric 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

Container ID: P-500ML
Description: Plastic Bottle 500 mL
Qty: 1
Preservation: HNO3
Lot # 0072871
Affix RED nitric acid 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-500ML
Description: Brown Glass Bottle 500ML
Qty: 1
Preservation: ICE
Lot # 0072340
Affix BLUE dot to container.

Analysis
W-NH3
W-NO2NO3

Description
Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Container ID: P-500ML

Qty: 2

Preservation: ICE And H2SO4

Lot # 55572817

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

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Container ID: P-500ML

Qty: 2

Preservation: HNO3

Lot # 55572817

Analysis
ECOLL-18QT

Description

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

Description: 250 ml Sterilized no tablet

Container ID: P-250ML-WO-THI

Qty: 2

Preservation: ICE

Lot # 55572817

Analysis
CHLSUITE-W

Description

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

Description: Brown Plastic Bottle 1L

Container ID: BP-1L

Qty: 2

Preservation: ICE

Lot # 0448230

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

Description: Plastic Bottle 1L

Container ID: P-1L

Qty: 2

Preservation: ICE

Lot # 0448230

PLEASE RETURN ALL COOLERS FOR RQ-2019-05-06-26

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 MSA
 Exp 1-11-20
 Lot # 58730

ID
 ID
 ID
 ID
 ID
 ID
 Lot #
 Lot #
 Lot #
 Lot #
 Lot #
 Lot #

Cooler Packed By: 

Number of Coolers: 5

Date: 5-6-19

Analysis
 W-PO4-F

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

Description: Plastic Bottle 125 mL

Container ID: P-125ML

Qty: 2

Preservation: FILTER-ICE

Lot # 58730

W-S-A-TP
 W-TKN
 W-TOC

Total Phosphorus in aqueous matrices as mg P/L
 Total Kjeldahl Nitrogen in aqueous matrices
 Nonpurgeable Organic Carbon in aqueous matrices

Date of Request: 08-APR-2019
 Created By: MUSSON_C On: 08-APR-2019
 Modified By: AYRES_J On: 19-AUG-2019
 Customer: WAS-SECT
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: G1 Streams

Send Coolers To:

Phone: 850-245-8453
 2600 Blair Stone Rd

Tallahassee, FL 32399
 Attn: Curtis Musson

Program Module Number:
 Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 19-AUG-2019
 Biology Request Reviewed By: AYRES_J On: 19-AUG-2019
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 06-MAY-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 03-SEP-2019
 Received By:

Send Final Report To:

2600 Blair Stone Rd

Tallahassee, FL 32399
 Attn: Curtis Musson

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

Comments: Group A: Quincy Creek 1303A
 Nutrients, Metals, PCR-HF183, Pesticides, E.coli

Group B: Swamp Creek 427
 Nutrients, Metals, Pesticides, E.coli

Group C: Caney Creek, 716
 Nutrients, Metals, PCR-BacR, Pesticides, E.coli

Group D: Quincy Creek (Upstream). 1303 & Tanyard Branch 595
 Nutrients, Metals, E. coli

Packing Notes:
 No FedEx labels
 No Trash Bags

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE

Bottle Group A (Water) With 1 Samples:

Bottle Type: BP-1L	Number of Bottles: 1	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: 1	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: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
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-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	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
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	Number of Bottles: 1	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
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 Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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 Group B (Water) With 1 Samples:

Bottle Type: BP-1L	Number of Bottles: 1	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: 1	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: BG-500ML	Number of Bottles: 1	Preserved With: CH ₂ ClCOOH Pre-Preserved
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML	Number of Bottles: 2	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 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
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
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	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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

Bottle Group C (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 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: QPCR-P-500ML PCR-BACR	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
Bottle Type: BG-500ML W-CARB-AA	Number of Bottles: 1 Template: DEFAULT	Preserved With: CH2CICOOH Pre-Preserved (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML W-CT-CI-R	Number of Bottles: 2 Template: DEFAULT	Preserved With: ICE (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML W-E8321-DI	Number of Bottles: 1 Template: DEFAULT	Preserved With: ICE (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML W-ICP	Number of Bottles: 1 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: 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: BG-1L W-PSNP-TQ	Number of Bottles: 2 Template: DEFAULT	Preserved With: ICE (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group D (Water) With 4 Samples:

Bottle Type: P-1L ALKALINITY	Number of Bottles: 4 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

Bottle Group D (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
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: 4	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: 4	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: 4	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
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	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
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	Number of Bottles: 4	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

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

