

Log-in Checklist

RQ- 2018-04-30-30

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound | _____

Date/Time of Receipt: 5.2.18

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
White	2.6	7		✓			
Red	2.1	14		✓			
Red	1.5	19		✓			
Red	2.4	19		✓			
Red	3.0	12		✓			

*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 ✓ 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 (Blue dot on container)

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		✓

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: 5.2.18 NCRs (Y/N)? _____

Event ID: WAS-SECT-2018-05-02-01 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_04_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:08/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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: _____

Alligator Creek, Minnow Creek

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Storrs

Project ID: SMP

Collected By:

Jason Storrs, Ben Rabus

Sampling Agency:

FDEP

Location		Alligator Creek upstream of SR 273		WIN ID / Field ID G3WA0005	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/2/18 Time 930	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 60.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A, B, C	
WIN/STORET #		SR 273			Temp (C) 19.33	pH 5.36	Sample Depth 0.3	Sp. Conductance (umho/cm) 43		
Latitude 30.819	☒ dd ☐ dms	Longitude -85.5042	☒ dd ☐ dms	Salinity (ppt) 0.02	Comments					
Location		Field Blank			☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/2/18 Time 945	Eastern Central	Composite end Date — Time —	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	D	
WIN/STORET #		Blank_05022018			Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude 30.819	☒ dd ☐ dms	Longitude -85.5042	☒ dd ☐ dms	Salinity (ppt)	Comments collected at Alligator Creek G3WA0005					
Location		Alligator Creek upstream of SR 273		WIN ID G3WA0005	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/2/18 Time 930	Eastern Central	Composite end Date — Time —	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 60.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A, B	
WIN/STORET #		QC DUP			Temp (C) 19.33	pH 5.36	Sample Depth 0.3	Sp. Conductance (umho/cm) 43		
Latitude 30.819	☒ dd ☐ dms	Longitude -85.5042	☒ dd ☐ dms	Salinity (ppt) 0.02	Comments QA/QC Duplicate					
Location		Alligator Creek upstream of SR 273		Field ID G3WA0005_DUP	☐ Comp ☒ Grab	Collection (comp begin or grab) Date — Time —	Eastern Central	Composite end Date — Time —	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		QC DUP			Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude 30.819	☒ dd ☐ dms	Longitude -85.5042	☒ dd ☐ dms	Salinity (ppt)	Comments QA/QC Duplicate ↑↑↑					

Relinquished By: 	Date/Time 5/2/18 1400	Shipping Method Drop off	Number of Coolers Shipped: 5-2-18 8 micros PS @ 1602	Received By: 	Date/Time 5-2-18 / 1400 3:15
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Group: C	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
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					
W-ICPMS					
Nitric Acid Lot NA-7341010 Exp 12/7/18					
Group: C	Bottle Type: BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
W-PSNP-TQ					
Group: D	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: D	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
CHLSUITE-W					
Group: D	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
W-E8321-DI					
W-E8321-MS					
Group: D	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0
W-ICP					
W-ICPMS					
Group: D	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					
Sulfuric Acid Lot SA 7233030 Exp 8/21/18					
Group: D	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
W-PO4-F					

Alligator Creek, Minnow Creek

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Ben Ralys, Jason Storck

Project ID: SMP

Collected By:

Ben Ralys, Jason Storck

Sampling Agency:

FDEP

Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or <u>Grab</u>)	<u>Eastern</u>	Composite end	Bottle Group(s)
Field ID		Minnow Creek At		☒ Grab	Date <u>5/2/18</u> Time <u>1015</u>	Central	Date <u>—</u> Time <u>—</u>	(See pg 2)
WIN/STORET #		Lovewood Rd <u>G3WA0008</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine
Latitude <u>30.83682</u> ☒ dd ☐ dms		Longitude <u>-85.52943</u> ☒ dd ☐ dms		Temp (C) <u>18.68</u> pH <u>6.09</u>		Sample Depth <u>0.15</u> ☐ ft ☒ m	☒ % sat	(mg/L) <u>—</u>
Salinity (ppt) <u>0.02</u>		Comments						
Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or <u>Grab</u>)	<u>Eastern</u>	Composite end	Bottle Group(s)
Field ID		Little Alligator Creek at		☒ Grab	Date <u>5/2/18</u> Time <u>1030</u>	Central	Date <u>—</u> Time <u>—</u>	(See pg 2)
WIN/STORET #		SR 273 <u>G3WA0006</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine
Latitude <u>30.88873</u> ☒ dd ☐ dms		Longitude <u>-85.46802</u> ☒ dd ☐ dms		Temp (C) <u>20.06</u> pH <u>6.71</u>		Sample Depth <u>0.15</u> ☐ ft ☒ m	☒ % sat	(mg/L) <u>—</u>
Salinity (ppt) <u>0.04</u>		Comments						
Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or <u>Grab</u>)	<u>Eastern</u>	Composite end	Bottle Group(s)
Field ID		Alligator Creek upstream of		☒ Grab	Date <u>5/2/18</u> Time <u>1100</u>	Central	Date <u>—</u> Time <u>—</u>	(See pg 2)
WIN/STORET #		Bentley Rd. <u>G3WA0004</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine
Latitude <u>30.8735</u> ☒ dd ☐ dms		Longitude <u>-85.4723</u> ☒ dd ☐ dms		Temp (C) <u>18.23</u> pH <u>6.12</u>		Sample Depth <u>0.3</u> ☐ ft ☒ m	☒ % sat	(mg/L) <u>—</u>
Salinity (ppt) <u>0.03</u>		Comments						
Location		WIN ID / Field ID		☐ Comp	Collection (comp begin or <u>Grab</u>)	<u>Eastern</u>	Composite end	Bottle Group(s)
Field ID		Scurlock Creek at Pilgrim Rd		☒ Grab	Date <u>5/2/18</u> Time <u>1130</u>	Central	Date <u>—</u> Time <u>—</u>	(See pg 2)
WIN/STORET #		<u>G3WA0009</u>		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine
Latitude <u>30.8545</u> ☒ dd ☐ dms		Longitude <u>-85.4443</u> ☒ dd ☐ dms		Temp (C) <u>19.03</u> pH <u>6.43</u>		Sample Depth <u>0.15</u> ☐ ft ☒ m	☒ % sat	(mg/L) <u>—</u>
Salinity (ppt) <u>0.04</u>		Comments						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	<u>5/2/18</u> <u>1400</u>	<u>Drop off</u>			<u>5-2-18 11400</u>

Alligator Creek, Minnow Creek

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Rals, Jason Storrs

Project ID: SMP

Collected By: Ben Rals, Jason Storrs

Sampling Agency: FDEP

Location	WIN ID / Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/2/18 Time	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID	Pine Barn Creek at Woodrest Rd G3WA0011		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen mg/L % sat	Total Res. Chlorine (mg/L)	A, B	
WIN/STORET #			Temp (C)	pH	Sample Depth ft m	Sp. Conductance (umho/cm)		
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	Salinity (ppt)	Comments			
	30.8358		-85.4488		NOT SAMPLED NO FLOW			
Location	WIN ID / Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/2/18 Time 1215	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	Gilbert's Mill Creek at Woodrest Rd G3WA0010		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen mg/L % sat	Total Res. Chlorine (mg/L)	A, B	
WIN/STORET #			Temp (C)	pH	Sample Depth ft m	Sp. Conductance (umho/cm)		
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	Salinity (ppt)	Comments			
	30.8069		-85.4607	0.01				
Location	WIN ID / Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/2/18 Time 1155	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	Unnamed Creek at Palnview Rd G3WA0013		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen mg/L % sat	Total Res. Chlorine (mg/L)	A, B	
WIN/STORET #			Temp (C)	pH	Sample Depth ft m	Sp. Conductance (umho/cm)		
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	Salinity (ppt)	Comments			
				0.02				
Location	WIN ID / Field ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen mg/L % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #			Temp (C)	pH	Sample Depth ft m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	5/2/18 1400	Drop off			5-2-18 / 1400

Group: A	Bottle Type:	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	8
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
	PCR-BACR						
	PCR-HF183						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	W-E8321-DI						
	W-E8321-MS						
Group: C	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: C	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: C Bottle Type: BG-500ML # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2
 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 *NITRIC Acid*
 W-ICPMS *Lot NA-7341010 EXP 12/7/18*

Group: C Bottle Type: BG-1L # of Bottles: 4 Preservative: ICE Enter Number of Bottles Sent to Lab 4
 W-PSNP-TQ

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

Group: D Bottle Type: BG-500ML # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 1
 W-E8321-DI
 W-E8321-MS

Group: D Bottle Type: P-500ML # of Bottles: 1 Preservative: HNO3 Enter Number of Bottles Sent to Lab 1
 W-ICP
 W-ICPMS

Group: D Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 1
 W-NH3 *Sulfuric Acid*
 W-NO2NO3 *Lot SA 7233030*
 W-S-A-TP *EXP 8/21/18*
 W-TKN
 W-TOC

Group: D 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-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	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	Nitric Acid				
	W-ICPMS	Lot NA-7341010 Exp 12/7/18				
Group: C	Bottle Type:	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	W-PSNP-TQ					
Group: D	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: D	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W					
Group: D	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI					
	W-E8321-MS					
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP					
	W-ICPMS					
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3	Sulfuric Acid				
	W-NO2NO3	Lot SA 7233030				
	W-S-A-TP	Exp 8/21/18				
	W-TKN					
	W-TOC					
Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					

Date of Request: 03-APR-2018
 Created By: MUSSON_C On: 03-APR-2018
 Modified By: SWANSON_C On: 10-APR-2018
 Customer: WAS-SECT
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Alligator Creek, Minnow Creek

Send Coolers To:

Phone: 850-245-8453
 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: 10-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 10-APR-2018
 Sampling Kit Required: YES Ship on: 20-APR-2018
 Sampling Kit Shipped: YES On: 17-APR-2018
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 02-MAY-2018
 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: Freshwater Kit, E.coli
 Group B: Tracers, Markers
 Group C: Pesticides, Metals
 Group D: Field Blank: Kit, Metals, Tracers

Packing Notes:
 No FedEx Labels
 5 - liters DI Water
 No trash bags

Extra LC QC bottles in B, C and D

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-1L	Number of Bottles: 9	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
Bottle Type: BP-1L	Number of Bottles: 9	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type:	Number of Bottles: 9	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Collert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 9	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

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-500ML	Number of Bottles: 9	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: 9	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 B (Water) With 8 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 8	Preserved With: ICE
PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
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: 9	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 C (Water) With 1 Samples:

Bottle Type: BG-500ML	Number of Bottles: 2	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:	(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
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 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
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 Group D (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
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: BG-500ML	Number of Bottles: 2	Preserved With: ICE

Bottle Group D (Water) With 1 Samples:

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 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
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 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 Type: P-125ML	Number of Bottles: 1	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.