

Login Checklist

RQ-2021- 08-09-37

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 08/19/21 @ 16:00

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
0.8 2.1				17 28		X X			11

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No ✓

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA X

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ✓ No _____

Caps on tight?

Yes ✓ No _____

Sufficient Sample Volume:

Yes ✓ No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes _____ No ✓ Init: Jylup

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

**Acid Preserved Samples: pH < 2.0?

Yes ✓ No _____ NA _____ Init: Jylup/IM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA ✓ Init: Jylup

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: Jylup Reynolds/IM

Date: 08/19/21

Event contains NCRs (Y/N)? None

Event ID: _____

Run 7

TLH-ROC-2021-08-19-02 (SMP)

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/28/2021
pH Test Strips 0 – 6	N/A
pH Paper 0 – 3	N/A
pH Paper 0 – 13	210620 EXP:04/15/2023
Chlorine Test Strips	0261 EXP:05/2023

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

Date and time placed in freezer _____

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

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

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/19/2021 **Collected By:** Jade Burchett, Trey Fitzgerald
Customer: TLH-DIST **Sampling:** FDEP
RQ: RQ-2021-08-09-37 **Agency:**
Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 2

Delivery Method: HandDelivered

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Oyster Bay2	 G1TLHR0152
Oyster Bay1	 G1TLHR0151
Spring Creek Springs Middle	 G1TLHR0129
Spring Creek Spring	 G1TLHR0131
Alligator Harbor near clam beds	 G2TLHR0025
Alligator Harbor South	 G2TLHR0054

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 8/19/2021 EST



1600

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

IM

Rec'd/Inspected

Date:

8/19/21

6 Micros
@ 16:20
CAN
8/19/21



RQ-2021-08-09-37	Collected By: Jade Burtchett, Trey Fitzgerald
Customer: FDEP	Field Report Prepared by: Jade Burtchett, Trey Fitzgerald
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1TLHR0152	Comments:

Location:
Location: Oyster Bay2

Matrix: Marine (Check One) ☒ Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. @	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
8/19/2021 1000	6.28	91	29.5	7.73	0.3	1.5	2.4	29978	18.49

Parameter Suite	Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group			
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			X	Ice	X	H2SO4*	X	<2	1	A
		Lot #		1105060	Exp:	04/30/22						
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD	Ice		HNO3*		<2		
		Lot #			Exp:							
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter							
		Filter Lot #		17162587							1	A
		Syringe Lot #		1091364								
Chlorophyll (BP-1L)	X	CHLSUITE-W			X	Ice					1	A
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS					Ice					
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				X	Ice				1	A
Macroinvertebrates (PJ-2L)		MI-FW-QLDC		Formalin Lot #			Formalin					
Periphyton (PT-50ML)		ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)		E Coli	X	F Coli	X	Enterococci		X	Ice		4	A
		Contract Lab										
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR	PCR-DG3		Ice					
		PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)		W-E8321-DI		W-E8321-MS			Ice					
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS		W-PSNP-TQ			Ice				
		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R							
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice					



RQ-2021-08-09-37	Collected By: Jade Burtchett, Trey Fitzgerald
Customer: FDEP	Field Report Prepared by: Jade Burtchett, Trey Fitzgerald
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1TLHR0151	Comments:

Location:
Location: Oyster Bay1

Matrix: Marine (Check One) ☒ Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)				
8/19/2021 1015	1.62	20	24.4	7.07	0.3	1.4	1.9	9005	5.01				
Parameter Suite		Parameter Methods				Preservation		pH Check		# Bottles sent to Lab	Bottle Group		
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				X	Ice	X	H2SO4*	X	<2	1	A
		Lot #		1105060		Exp:	04/30/22						
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice	HNO3*		<2		
		Lot #				Exp:							
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter		x	Ice			1	A	
		Filter Lot #		17162587									
		Syringe Lot #		1091364									
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice	1			A		
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS					Ice						
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				X	Ice	1			A		
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #			Formalin							
Periphyton (PT-50ML)		ALGAE-ID					Ice						
Microbiology (Contract Lab Bottle)		E Coli	X	F Coli	X	Enterococci	x	Ice			4	A	
		Contract Lab											
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR		PCR-DG3		Ice					
		PCR-GULL2		PCR-GFD									
Tracers (BG-500ML)		W-E8321-DI		W-E8321-MS			Ice						
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ		Ice					
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R							
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice						



RQ-2021-08-09-37	Collected By: Jade Burtchett, Trey Fitzgerald
Customer: FDEP	Field Report Prepared by: Jade Burtchett, Trey Fitzgerald
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1TLHR0129	Comments:

Location:
Location: Spring Creek Springs Middle

Matrix: Marine (Check One) ☒ Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)		
8/19/2021 1030	1.09	13.4	24.1	7.02	0.3	1.2	1.6	8592	4.74		
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group	
Preserved Nutrients (P-500ML)		X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			X	Ice	X	H2SO4*		
			Lot #	1105060	Exp:		04/30/22	X	<2	1	B
Metals (P-500ML)			W-ICPMS				Ice		HNO3*		
			Lot #		Exp:				<2		
Filtered Nutrients (P125ML)		X	W-PO4-F			X	Field Filtered 0.45 µm Filter				
			Filter Lot #	17162587		X	Ice			1	B
			Syringe Lot #	0079900							
Chlorophyll (BP-1L)		X	CHLSUITE-W			X	Ice			1	B
Physical/Aggregate (Fresh) (P-1L)			Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS				Ice				
Physical/Aggregate (Marine) (P-1L)		X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			X	Ice			1	B
Macroinvertebrates (PJ-2L)			MI-FW-QLDC	Formalin Lot #			Formalin				
Periphyton (PT-50ML)			ALGAE-ID				Ice				
Microbiology (Contract Lab Bottle)			E Coli	F Coli	X	Enterococci	X	Ice		2	B
			Contract Lab								
Molecular (QPCR-P-500ML)			PCR-HF183	PCR-BacR		PCR-DG3		Ice			
			PCR-GULL2	PCR-GFD							
Tracers (BG-500ML)			W-E8321-DI				W-E8321-MS		Ice		
Pesticides (BG-500ML) (BG-1L)			W-E8321-DI	W-E8321-MS		W-PSNP-TQ		Ice			
			W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R					
Phytoplankton			DTY-QN-C				PKD-QN-BV		Ice		



RQ-2021-08-09-37	Collected By: Jade Burtchett, Trey Fitzgerald
Customer: FDEP	Field Report Prepared by: Jade Burtchett, Trey Fitzgerald
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1TLHR0131	Comments:

Location:

Location: Spring Creek Spring

Matrix: Marine

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
8/19/2021 1045	45	5.4	22.8	7.02	0.3	1.8	14	5553	3.01

Parameter Suite	Parameter Methods			Preservation		pH Check	# Bottles sent to Lab	Bottle Group		
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	X	Ice	X	H2SO4*	X	<2	1	B
		Lot # 1105060	Exp:	04/30/22						
Metals (P-500ML)		W-ICPMS	W-ICP	W-HARD	Ice	HNO3*		<2		
		Lot #	Exp:							
Filtered Nutrients (P125ML)	X	W-PO4-F	X	Field Filtered 0.45 µm Filter						
		Filter Lot #		17162587						
		Syringe Lot #		0079900						
Chlorophyll (BP-1L)	X	CHLSUITE-W			X	Ice			1	B
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS				Ice			1	B
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			X	Ice			1	B
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #			Formalin				
Periphyton (PT-50ML)		ALGAE-ID				Ice				
Microbiology (Contract Lab Bottle)		E Coli	F Coli	X	Enterococci	X	Ice		2	B
		Contract Lab								
Molecular (QPCR-P-500ML)		PCR-HF183	PCR-BacR		PCR-DG3		Ice			
		PCR-GULL2	PCR-GFD							
Tracers (BG-500ML)		W-E8321-DI	W-E8321-MS			Ice				
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS	W-PSNP-TQ			Ice			
		W-PCL-TQ-R	W-CAR3-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R					
Phytoplankton		DTY-QN-C	PKD-QN-BV			Ice				



RQ-2021-08-09-37	Collected By: Jade Burtchett, Trey Fitzgerald
Customer: FDEP	Field Report Prepared by: Jade Burtchett, Trey Fitzgerald
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2TLHR0025	Comments:

Location:
Location: Alligator Harbor near clam beds

Matrix: Marine (Check One) ☒ Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. @	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)				
8/19/2021 1215	8.07	126.7	31	8.11	0.3	1.1	2.7	44266	28.41				
Parameter Suite		Parameter Methods			Preservation		pH Check	# Bottles sent to Lab	Bottle Group				
Preserved Nutrients (P-500ML)		X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			X	Ice	X	H2SO4*	X	<2	1	A
		Lot # 1105060 Exp: 04/30/22											
Metals (P-500ML)			W-ICPMS W-ICP W-HARD				Ice		HNO3*		<2		
		Lot # Exp:											
Filtered Nutrients (P125ML)		X	W-PO4-F Field Filtered 0.45 µm Filter			X	Ice					1	A
		Filter Lot # 17162587											
		Syringe Lot # 1091364											
Chlorophyll (BP-1L)		X	CHLSUITE-W			X	Ice					1	A
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS					Ice						
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY					Ice						
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #					Formalin					
Periphyton (PT-50ML)		ALGAE-ID					Ice						
Microbiology (Contract Lab Bottle)		E Coli	X	F Coli	X	Enterococci	X	Ice				4	A
		Contract Lab											
Molecular (QPCR-P-500ML)		PCR-HF183 PCR-BacR PCR-DG3					Ice						
		PCR-GULL2 PCR-GFD					Ice						
Tracers (BG-500ML)		W-E8321-DI W-E8321-MS					Ice						
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS W-PSNP-TQ					Ice					
		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R					Ice					
Phytoplankton		DTY-QN-C PKD-QN-BV					Ice						



RQ-2021-08-09-37	Collected By: Jade Burtchett, Trey Fitzgerald
Customer: FDEP	Field Report Prepared by: Jade Burtchett, Trey Fitzgerald
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2TLHR0054	Comments:

Location:

Location: Alligator Harbor South

Matrix: Marine

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
8/19/2021 1205	8.27	127	29.9	8.09	0.3	1.2	2.3	43107	27.62

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	Ice H2SO4*	<2		
	Lot # Exp:				
Metals (P-500ML)	W-ICPMS W-ICP W-HARD	Ice HNO3*	<2		
	Lot # Exp:				
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 µm Filter	Ice			
	Filter Lot # Syringe Lot #				
Chlorophyll (BP-1L)	CHLSUITE-W	Ice			
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	Ice			
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	Ice			
Macroinvertebrates (PJ-2L)	MI-FW-QLDC Formalin Lot #	Formalin			
Periphyton (PT-50ML)	ALGAE-ID	Ice			
Microbiology (Contract Lab Bottle)	E Coli X F Coli X Enterococci Contract Lab	x Ice		4	C
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	W-E8321-DI W-E8321-MS	Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R	Ice			
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			

Date of Request: 20-JUL-2021
 Created By: ECKLES_M On: 20-JUL-2021
 Modified By: JASROTIA_P On: 20-JUL-2021
 Customer: TLH-ROC
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Not Applicable
 Event Description: Run 7

Send Coolers To:

Phone: 850-245-7586
 2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles
 Cooler Ship EMail: michael.eckles@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-JUL-2021
 Biology Request Reviewed By: JASROTIA_P On: 20-JUL-2021
 Sampling Kit Required: YES Ship on: 05-AUG-2021
 Sampling Kit Shipped: YES On: 03-AUG-2021
 Sampling Kit Packed By: AYRES_J
 Preservatives Needed: NO
 Date to Receive Samples: 09-AUG-2021
 Logged In By:

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles
 Report Notification EMail:
 michael.eckles@floridadep.gov; terry.green@floridadep.gov

Comments: Group A WBIDs 1256 (0025) & 1176C (0052 & 0053)
 Group B WBID 1146Z (0129 & 0131)
 Group C WBID 1256 (0054)
 Group D WBID 1242 (0006)
 Group E Blank
 No Fedex Labels

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	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: 3	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-250ML-WO-THI	Number of Bottles: 3	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-125ML	Number of Bottles: 3	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 2 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 2	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 2	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-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 2	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 Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 2	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
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: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
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		
Manganese		
Potassium		

Bottle Group D (Water) With 1 Samples:

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
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		
Beryllium		
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-2011) 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

Bottle Group E (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
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		
Manganese		
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		
Beryllium		
Cadmium		

Bottle Group E (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

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-2011) 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.