

Login Checklist

RQ- 2022-12-12-17

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/ 13 /22 @0914

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
<u>1.1</u>				<u>13</u>		<u>X</u>			<u>52555450840</u>

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 X No _____

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

Yes ✓ No _____

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA _____ Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes X No _____

Caps on tight?

Yes X No _____

Sufficient Sample Volume:

Yes X 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 X Init: BAK / r

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: BAK / r

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: BAK / r

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

Yes _____ No _____ NA X Init: BAK / r

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

Coolers Unpacked/Checked by:

BAK / r

Date: 12/ 13 /22

Event contains NCRs(Y/N)? N

EventID: Pensacola Estuary Run
NW-DIST-2022-12-13-04 (SMP)

Date Received: 13-DEC-2022 09:14

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/17/2023
pH Test Strips 0 – 6	Lot#223819AV Exp:8/30/23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 Exp:3/15/24
Chlorine Test Strips	Lot#0070 Exp:2/23

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 12/12/2022 **Collected By:** Nathan Mulkey, Brook Olin
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-12-12-17 **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: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Bayou Grande at CR-297	 G4NW0521
Tea Lake (Center)	 G5NW0035
Bayou Grande	 G4NW0500
Bayou Grande near Navy Point Boat Ramp	 G4NW0501
FB	 FB_12122022

RELINQUISHED BY (SIGNATURE):



DATE/TIME: 12/12/2022
1600 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: R

Rec'd/Inspected

Date: 12-13-2022



RQ-2022-12-12-17

Customer: FDEP

Project ID: SMP

Collected By: Nathan Mulkey, Brook Olin

Field Report Prepared by: Nathan Mulkey, Brook Olin

Sampling Agency: FDEP

Comments:

 WIN ID/Field ID: 
 WIN ID/Field ID: G4NW0521

Location: Bayou Grande at CR-297

Matrix: Marine

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
12/12/2022 840	3.93	51.3	23.6	6.84	0.3	1	1	29950	18.58

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 #	2145160		Exp:	6/23			<2
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD		Ice		HNO3*
		Lot #			Exp:				<2
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 µm Filter			Ice		
		Filter Lot #			Syringe Lot #				
BOD (BP-1L)		OV-BODUNIN				Ice			
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			
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / 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	Enterococci		Ice			
		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	MCAA Exp.	MCAA Lot#	
		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)	W-CT-CL-R					
		W-TR-SQ-R	W-PCB-TQ-R						
Phytoplankton		DTY-QN-C	PKD-QN-BV			Ice			
DOC		W-DOC	Field Filtered 0.45 µm Filter			Ice	H2SO4*		
	Acid Preservative Expiration Date						<2		
	Acid Preservative Lot Number								



RQ-2022-12-12-17	Collected By: Brook Olin, Nathan Mulkey
Customer: FDEP	Field Report Prepared by: Brook Olin, Nathan Mulkey
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5NW0035	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Tea Lake (Center)

Matrix: Marine

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)		
12/12/2022 1050	6.68	76	20.3	7.11	0.3	0.8	0.8	10390	5.89		
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*	<2	1	A
		Lot #		2145160	Exp:	6/23					
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD		Ice		HNO3*	<2	
		Lot #		Exp:							
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 um Filter			Ice				
		Filter Lot #	Syringe Lot #								
BOD (BP-1L)		OV-BODUNIN					Ice				
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice		1	A	
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W- TDS					Ice				
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / 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	F Coli	X	Enterococci	X	Ice		1	A	
	X	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	MCAA Exp.	MCAA Lot#		
		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R						
		W-TR-SQ-R	W-PCB-TQ-R								
Phytoplankton		DTY-QN-C	PKD-QN-BV				Ice				
DOC		W-DOC	Field Filtered 0.45 um Filter			Ice		H2SO4*	<2		
		Acid Preservative Expiration Date									
		Acid Preservative Lot Number									



RQ-2022-12-12-17

Collected By: Brook Olin, Nathan Mulkey

Customer: FDEP

Field Report Prepared by: Brook Olin, Nathan Mulkey

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4NW0500

Comments:

Location: Bayou Grande

Matrix: Marine

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)
12/12/2022 915	8.53	105.2	20.4	8.17	0.3	1.9	3.2	30315	18.85

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*	<2	1	B
		Lot #		2145160	Exp:	6/23					
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 #							
BOD (BP-1L)		OV-BODUNIN			Ice						
Chlorophyll (BP-1L)	X	CHL SUITE-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-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	Enterococci	Ice						
		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	MCAA Exp.	MCAA Lot#			
		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R						
		W-TR-SQ-R	W-PCB-TQ-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice					
DOC		W-DOC	Field Filtered 0.45 µm Filter		Ice		H2SO4*	<2			
	Acid Preservative Expiration Date										
	Acid Preservative Lot Number										



RQ-2022-12-12-17	Collected By: Nathan Mulkey, Brook Olin
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Brook Olin
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G4NW0501	Comments:
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Location: Bayou Grande near Navy Point Boat Ramp

Matrix: Marine

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)								
12/12/2022 930	8.42	104.8	20.7	8.15	0.3	1.7	2.5	30535	19								
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*	<2	1	B					
		Lot #		2145160		Exp:		6/23									
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice	HNO3*	<2							
		Lot #				Exp:											
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 um Filter			Ice										
		Filter Lot #		Syringe Lot #													
BOD (BP-1L)		OV-BODUNIN				Ice											
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-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		Enterococci							Ice				
		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	MCAA Exp.	MCAA Lot#		
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R											
		W-TR-SQ-R		W-PCB-TQ-R													
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice										
DOC		W-DOC	Field Filtered 0.45 um Filter			Ice		H2SO 4*	<2								
	Acid Preservative Expiration Date																
	Acid Preservative Lot Number																



RQ-2022-12-12-17	Collected By: Nathan Mulkey, Brook Olin
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Brook Olin
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: FB_12122022	Comments:

Location: FB

Matrix: W-FIELD-BLANK

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)	
12/12/2022 935										
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			1	C	
	Filter Lot #	Syringe Lot #								
BOD (BP-1L)	OV-BODUNIN				Ice					
Chlorophyll (BP-1L)	CHLSUITE-W				Ice					
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS				Ice					
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY				x				Ice
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #			Formalin					
Periphyton (PT-50ML)	ALGAE-ID				Ice					
Microbiology (Contract Lab Bottle)	E Coli	F Coli	Enterococci		Ice					
	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	MCAA Exp.				MCAA Lot#
	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)	W-CT-CL-R							
	W-TR-SQ-R	W-PCB-TQ-R								
Phytoplankton	DTY-QN-C	PKD-QN-BV			Ice					
DOC	W-DOC	Field Filtered 0.45 µm Filter			Ice	H2SO4*	<2			
		Acid Preservative Expiration Date								
		Acid Preservative Lot Number								

Document Reference # 05.1.0

Laboratory: Wetlands Research Laboratory

Sampler's initials :

Page 1 of 1

Date/Time: 12/2/22,

Date/Time: 12/12/22,

QST

Sampling Date/Time	12/12/22/1050
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PO # C01214

Surface water, no chlorine expected

RQ -2022-12-12-17

Contact name: **Mike King**

Phone: 850-595-8300

Sampler's name: K. A. M. M. M.

²Type codes: G = grab, C = composite, X =

³ Recorded using IRT-2

Date of Request: 17-NOV-2022
 Created By: SLADE_C On: 17-NOV-2022
 Modified By: AYRES_J On: 12-DEC-2022
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Pensacola Estuary Run

Send Coolers To:

Phone: 850-595-0567
 160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Stopher Slade
 Cooler Ship EMail: Christopher.slade@dep.state.fl.us

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 12-DEC-2022
 Biology Request Reviewed By: AYRES_J On: 12-DEC-2022
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 01-DEC-2022
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 12-DEC-2022
 Logged In By:

Send Final Report To:

160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Myranda Butler
 Report Notification EMail:
 Christopher.Slade@floridadep.gov;Myranda.k.butler@floridadep.gov

Comments: #####

Ship Labels Only

#####

Group A: (WBID 784) Marine Nutrients, Contract Lab Bacteria

Group B: (WBID 548F) Marine Nutrients

Group C (Field Blank) Marine Aggregate Bottle Only

Packing notes;

FedEx return packing slips

Bottle Group A (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 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-2015) 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: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
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

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group B (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 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-2015) 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-500ML	Number of Bottles: 3	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 Group C (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-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-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample