

From: [Chandrasekhar, Thekkekalathil](#)
To: [Klug, Kyle](#)
Subject: RE: Matrix question
Date: Tuesday, July 11, 2023 14:15:21

Yes. The Estuary classification would be the most appropriate since it looks like this body of water has varying salinity depending on the time of day.

Chandra

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Tuesday, July 11, 2023 1:50 PM
To: Chandrasekhar, Thekkekalathil <Thekkekalathil.Chandrasekhar@dep.state.fl.us>
Subject: FW: Matrix question

Chandra,

Chandra,

Based on Leif's response, would it be better to record the matrix as 'Brackish'?

-Kyle

From: Boman, Leif <Leif.Boman@FloridaDEP.gov>
Sent: Tuesday, July 11, 2023 12:55
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Subject: RE: Matrix question

Hi Kyle,

Yes, G5CE0156 (WBID: 2664) is classified as an Estuary, 3M Class. We also sample this site for Enterococcus. I think it sometimes gets even higher spikes of conductivity if I'm not mistaken.

Leif

From: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Sent: Tuesday, July 11, 2023 12:32 PM
To: Boman, Leif <Leif.Boman@FloridaDEP.gov>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Subject: Fwd: Matrix question

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From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Tuesday, July 11, 2023 12:12:47 PM

To: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>

Subject: FW: Matrix question

Matt,

Could you please confirm the correct matrix for site G5CE0156?

Thank you,

Kyle

From: Chandrasekhar, Thekkekalathil <Thekkekalathil.Chandrasekhar@dep.state.fl.us>

Sent: Tuesday, July 11, 2023 12:09

To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>

Subject: FW: Matrix question

Importance: High

From: Chandrasekhar, Thekkekalathil

Sent: Tuesday, July 11, 2023 10:44 AM

To: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>

Subject: Matrix question

Importance: High

Shawn,

The matrix of the sample 2419455 collected at location "Reed Canal at Reed Canal Park" (see page 5 of the attached PDF) has a Specific Conductance of 605 umhos/cm. Yet the matrix is classified as "Marine". Could you check with the sampler to see if this was an error in the field sheet? Thanks.

Chandra

T. M. Chandrasekhar, Ph.D.

Quality Assurance Officer

DEP Laboratory, Scientific Support Services Program

Florida Department of Environmental Protection

2600 Blair Stone Road, Tallahassee, FL 32399-2400

Thekkekalathil.Chandrasekhar@floridadep.gov

Office: 850.245.8075

Login Checklist

RQ- 2023-06-19-23

Login Station ID: 5

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 6/22/23 @ 9:21

*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	
1-S				14		X			588A473L78C1

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 X

CONTAINER CHECK

Evidence Tape on Bottles?

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

If Criminal, photographs taken?

Yes _____ No X 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 X No _____ Init: C-P

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: C-P

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 X No _____ NA _____ Init: C-P

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

Yes _____ No _____ NA X Init: C-P

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

Coolers Unpacked/Checked by: C-P

Date: 6/22/23

Event contains NCRs (Y/N)? N

EventID: CEN-DIST-2023-06-22-03 (SMP)
Date Received: 22-JUN-2023 09:22

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	221426058 10/17/23
pH Test Strips 0 – 6	207621 03/15/2024
pH Paper 0 – 3	NA
pH Paper 0 – 13	20762103 03/15/2024
Chlorine Test Strips	1196 02/2024

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: 6/21/2023 **Collected By:** Leif Boman, Jessie Atchison
Customer: CEN-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-06-19-23 **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.

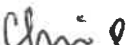
Site Location	Field ID/WIN ID
SAND CREEK AT 100M US OF CR 415	 G5CE0094
REED CANAL AT REED CANAL PARK	 G5CE0156
FB	 FB_06212023
UNNAMED DITCH AT 100M US OF MADELINE AVE	 G5CE0152

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/21/2023
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: 

Rec'd/Inspected
Date: 6-22-23



RQ-2023-06-19-23	Collected By: Leif Boman, Jessie Atchison
Customer: FDEP	Field Report Prepared by: Leif Boman, Jessie Atchison
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5CE0094	Comments:
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Location: SAND CREEK AT 100M US OF CR 415

Matrix: Fresh

(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)			
6/21/2023 1216	3.78	45.1	24.1	6.3	0.2	0.3	0.3	331.9	0.16			
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 um Filter		Ice							
	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-CL-IC / W-COLOR / W-SO4-IC / W- TDS				Ice							
Physical/Aggregate (Marine) (P-1L)	Alkalinity / 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)	X	E Coli	F Coli	Enterococci	x					Ice	1	C
	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										

WIN ID/Field ID: 
WIN ID/Field ID: G5CE0156

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 _h)									
6/21/2023 1101	2.24	27.1	24.8	7	0.3	0.7	0.7	605	0.29									
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 #		SA3013020		Exp:	01/25/2024											
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	CHLSUITE-W				X	Ice	1	A									
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS				X	Ice	1	A									
Physical/Aggregate (Marine) (P-1L)		Alkalinity / 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		F Coli		X	Enterococci	X	Ice					1	A			
		Contract Lab																
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3	X					Ice	1	A		
		PCR-GULL2		PCR-GFD														
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			X	Ice					1	A			
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		H2SO 4*		<2						
				Acid Preservative Expiration Date														
				Acid Preservative Lot Number														



RQ-2023-06-19-23	Collected By: Leif Boman, Jessie Atchison
Customer: FDEP	Field Report Prepared by: Leif Boman, Jessie Atchison
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 	Comments:
WIN ID/Field ID: FB_06212023	

Location: FB

Matrix: W-FIELD-BLANK	(Check One) ☒ Grab ☐ Composite
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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 (PPTH)
6/21/2023 1115									

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	D
		Lot #		SA3013020		Exp:	01/25/2024						
Metals (P-500ML)		W-ICPMS		W-ICP			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)		CHLSUITE-W						Ice					
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TD5					X	Ice					
Physical/Aggregate (Marine) (P-1L)		Alkalinity / 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		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		H2SO4*		<2		
	Acid Preservative Expiration Date												
	Acid Preservative Lot Number												



RQ-2023-06-19-23

Collected By: Leif Boman, Jessie Atchison

Customer: FDEP

Field Report Prepared by: Leif Boman, Jessie Atchison

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G5CE0152

Comments:

Location: UNNAMED DITCH AT 100M US OF MADELINE AVE

Matrix: Fresh

(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 (PPTH)			
6/21/2023 1140	3.34	41.4	26.2	7.03	0.3	0.5	0.8	512	0.25			
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 um Filter			Ice						
	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-CL-IC / W-COLOR / W-SO4-IC / W- TDS					Ice						
Physical/Aggregate (Marine) (P-1L)	Alkalinity / 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)	X	E Coli	F Coli		Enterococci	x					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		x	Ice	MCAA Exp.	MCAA Lot#	4 or 2	B
	X	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R						
	W-TR-SQ-R		X	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										

Date of Request: 18-MAY-2023
 Created By: BEARDEN_M On: 18-MAY-2023
 Modified By: JASROTIA_P On: 01-JUN-2023
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Event Description: Run 1

Send Coolers To:

Phone: 407-897-4123
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 01-JUN-2023
 Biology Request Reviewed By: JASROTIA_P On: 01-JUN-2023
 Sampling Kit Required: YES Ship on: 09-JUN-2023
 Sampling Kit Shipped: YES On: 05-JUN-2023
 Sampling Kit Packed By: KREUCH_B
 Preservatives Needed: NO
 Date to Receive Samples: 22-JUN-2023
 Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Report Notification EMail:
 matthew.bearden@floridadep.gov;jessie.atchison@floridadep.gov
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Comments:**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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(DEP SOP: NU-094-1) 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-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2015) Total Dissolved Solids in aqueous matrices
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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
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: QPCR-P-500ML	Number of Bottles: 1	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-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides 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: 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: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
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

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
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 B (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: BG-500ML FILL TO	Number of Bottles: 4	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray 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	(DEP SOP: NU-094-1) 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-2015) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
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

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