

Login Checklist

RQ- 2021-03-01-65

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/ 16 /21 @ 10:40

*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	
1.0				12		✓			9293 8009 3430
0.6				5		✓			9293 8009 8605
1.1				13		✓			9293 8009 3441

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 ☒

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: HK

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: HK

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

Yes _____ No _____ NA ☒ Init: HK

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

Coolers Unpacked/Checked by: HK

Date: 3/ 16 /21

Event contains NCRs (Y/N)? N

Event ID: SMP - Okeechobee Bacteria
SE-DIST-2021-03-16-01 (SMP)

—Date Received: 16-MAR-2021 10:40

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

EXP:10-28-21

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: _____

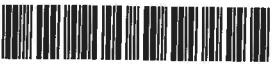
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 3/15/2021 **Collected By:** Jordan Skaggs, Drew Liddick
Customer: WQAP **Sampling Agency:** FDEP
RQ: RQ-2021-03-01-65 **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

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

Site Location	Field ID/WIN ID
Gore Branch @ 724	 G4SE0130
Chandler Slough @ NW 190th	 G4SE0136
Oak Creek @ 68	 G4SE0080
Mosquito Creek @ 70	 G1SE0006
Mosquito Creek @ 710	 G1SE0014
S-153 Unnamed creek @ 710	 G4SE0137

RELINQUISHED BY(SIGNATURE):

Drew Liddick

DATE/TIME: 03/15/2021
1700

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *K12*

Rec'd/Inspected Date: *3-16-21/1040*



RQ-2021-03-01-65	Collected By: Drew Liddick, Jordan Skaggs
Customer: FDEP	Field Report Prepared by: Drew Liddick, Jordan Skaggs
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4SE0130	Comments:

Location: Gore Branch @ 724

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)			
3/15/2021 1230	5.46	60.8	20.4	7.64	0.3	0.5	0.7	752	0.37			
Central Lab please use top row for login purposes												
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 #		SA0353110	Exp:	011122						
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		X	Ice			1	B
		Filter Lot #										
		Syringe Lot #										
Chlorophyll (BP-1L)	X	CHLSUITE-W			X	Ice					1	B
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-C-IC / W-COLOR / W-SO4-IC / W-TDS			X	Ice					1	B
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				Ice						
Macroinvertebrates (PJ-2L)		MI-FW-QLDC				Ice						
Periphyton (PT-50ML)		ALGAE-ID				Ice						
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli		Enterococci	X	Ice		1	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-DIELDRIN				
		W-PCL-SQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R				
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice				



RQ-2021-03-01-65	Collected By: Jordan Skaggs, Drew Liddick
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Drew Liddick
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G4SE0136

Location: Chandler Slough @ NW 190th

Matrix: Fresh

Comments:

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3/15/2021 1300	1.74	19.6	20.8	7.28	0.3	0.6	0.6	635	0.31

Central Lab please use top row for login purposes

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		Ice		HNO3*	<2		
	Lot #			Exp:							
Filtered Nutrients (P125ML)	W-PO4-F			Field Filtered 0.45 um 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					Ice					
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			
						W-DIELDRIN					
	W-PCL-SQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R					
Phytoplankton	DTY-QN-C			PKD-QN-BV			Ice				

RQ-2021-03-01-65

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SE0080

Comments:

Location: Oak Creek @ 68

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)					
3/15/2021 1340	2.42	28.2	22.5	7.42	0.3	0.7	0.8	190.7	0.09					
Central Lab please use top row for login purposes														
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 #				Exp:									
Metals (P-500ML)	X	W-ICPMS	X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
	Lot #				Exp:									
Filtered Nutrients (P125ML)	X	W-PO4-F	X	Field Filtered 0.45 µm Filter		X	Ice					1	A	
	Filter Lot #											1	A	
	Syringe Lot #											1	A	
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-BR-IC / W-F / W-TSS / TURBIDITY					Ice							
Macroinvertebrates (PJ-2L)		MI-FW-QLDC					Ice							
Periphyton (PT-50ML)		ALGAE-ID					Ice							
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli		Enterococci	X	Ice				1	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-SQ-R		W-CARB-AA (5 ml of MCAA™ Buffer Solution)		W-DIELDRIN		Ice						
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice						

RQ-2021-03-01-65

Collected By: Jordan Skaggs, Drew Liddick



Customer: FDEP

Field Report Prepared by: Jordan Skaggs, Drew Liddick

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G1SE0006

Comments:

Location: Mosquito Creek @ 70

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3/15/2021 1440	5.4	63.8	23.4	7.28	0.2	0.4	0.4	464	0.22

Central Lab please use top row for login purposes

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 #											
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						Ice					
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					
					W-DIELDRIN							
	W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R							
Phytoplankton	DTY-QN-C		PKD-QN-BV				Ice					

RQ-2021-03-01-65

Collected By: Jordan Skaggs, Drew Liddick



Customer: FDEP

Field Report Prepared by: Jordan Skaggs, Drew Liddick

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G15E0014

Comments:

Location: Mosquito Creek @ 710

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3/15/2021 1500	5.79	65.1	21.2	7.31	0.3	0.6	0.8	1000	0.49

Central Lab please use top row for login purposes

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 #													
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					Ice								
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							
					W-DIELDRIN									
	W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R									
Phytoplankton	DTY-QN-C		PKD-QN-BV				Ice							

RQ-2021-03-01-65

Collected By: Jordan Skaggs, Drew Liddick



Customer: FDEP

Field Report Prepared by: Jordan Skaggs, Drew Liddick

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SE0137

Comments:

Location: S-153 Unnamed creek @ 710

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3/15/2021 1530	2.92	38.7	28.8	7.18	0.1	0.3	0.3	1671	0.84

Central Lab please use top row for login purposes

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 #			Exp:											
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	B	
	Filter Lot #														
	Syringe Lot #														
Chlorophyll (BP-1L)	X	CHLSUITE-W						X	Ice				1	B	
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	B	
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY							Ice						
Macroinvertebrates (PJ-2L)		MI-FW-QLDC							Ice						
Periphyton (PT-50ML)		ALGAE-ID							Ice						
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli		Enterococci		X	Ice				1	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-DIELDRIN									
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R									
Phytoplankton		DTY-QN-C			PKD-QN-BV				Ice						

Date of Request: 16-FEB-2021
 Created By: SKAGGS_J On: 16-FEB-2021
 Modified By: JASROTIA_P On: 18-FEB-2021
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Event Description: SMP - Okeechobee Bacteria

Send Coolers To:

Phone: (772) 448-5884
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Cooler Ship EMail: jordan.skaggs@FloridaDEP.gov

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-FEB-2021
 Biology Request Reviewed By: JASROTIA_P On: 18-FEB-2021
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 04-MAR-2021
 Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Drew Liddick
 Report Notification EMail:
 drew.liddick@FloridaDEP.gov;jordan.skaggs@floridadep.gov;and
 rew.luerling@floridadep.gov

Comments: Bottle Group A (nut, metals, ecoli)
 3192C - G4SE0080

Bottle Group B (nut, ecoli)
 3219 - G4SE0137
 3219 - G1SE0050
 3188B - G4SE0130

Bottle Group C (ecoli)
 3188B - G4SE0136
 3203A - G1SE0020
 3203B - G1SE0006
 3203B - G1SE0014

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	(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-SO ₄ -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: HNO ₃

Bottle Group A (Water) With 1 Samples:

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		
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 B (Water) With 3 Samples:

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 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 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-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: 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

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 3 Preserved With: ICE
ECOLI-18QT Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group C (Water) With 4 Samples:

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

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