

RQ- 2024-03-11-35

Login Checklist

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 4/16/2024 @ 8:55

*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	
<u>1.1</u>				<u>13</u>		X			<u>7281 6629 1362</u>
<u>0.6</u>				<u>10</u>		X			<u>7281 6629 1384</u>
<u>1.1</u>				<u>17</u>		X			<u>7281 6629 1373</u>
<u>3.7</u>				<u>12</u>		X			<u>6484 8461 1410</u>
<u>2.3</u>				<u>6</u>		X			<u>7281 6629 1395</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 ☒ 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: MB

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: MB

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: MB

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

Yes _____ No _____ NA ☒ Init: MB

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

Coolers Unpacked/Checked by: MBDate: 4/16/2024Event contains NCRs (Y/N)? N

SMP - Vero Beach (w Blank) (w Boat si

EventID SE-DIST-2024-04-16-01 (SMP)

Date Received: 16-APR-2024 08:55

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp. 10/16/2024
pH Test Strips 0 – 6	Lot# 223819BV Exp. 8/15/2024
pH Paper 0 – 3	
pH Paper 0 – 13	Lot# 228323 Exp. 10/1/2026
Chlorine Test Strips	Lot# 3180A Exp. 4/30/2024

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: 4/15/2024 **Collected By:** Natalie Howard, Andrew Luering
Customer: SE-DIST **Sampling Agency:** FDEP
RQ: RQ-2024-03-11-35 **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: 5

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
SOUTH IRL OUTSIDE BOB SUMMERS PARK	 G5SE0088
SOUTH IRL OUTSIDE VERO BEACH YACHT CLUB	 G5SE0089
UNNAMED CANAL NEAR 85TH ST	 G5SE0144
LATERAL C CANAL NEAR 85TH ST	 G5SE0143
LATERAL C CANAL NEAR 69TH ST	 G5SE0141
MAIN CANAL AT KINGS HIGHWAY	 G5SE0115
SOUTH CANAL AT 20TH AVE	 G5SE0086
VERO NORTH CANAL AT 66TH AVE	 G5SE0069

FB	 FB_04152024
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RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/15/2024
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected
Date:



RQ-2024-03-11-35	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0088	Comments:

Location: SOUTH IRL OUTSIDE BOB SUMMERS PARK

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 (PPTH)			
4/15/2024 945	6.36	90.7	23.9	7.82	0.3	1.1	2.22	50233	32.93			
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				Ice		HNO3*	<2			
		Lot #		Exp:								
Filtered Nutrients (P125ML)		W-PO4-F				Field Filtered 0.45 µm Filter						
		Filter Lot #		Syringe Lot #		Ice						
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)		E Coli		X	F Coli	X	Enterococci	x				
		Contract Lab				Ice			2	H		
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR		PCR-DG3						
		PCR-GULL2		PCR-GFD		Ice						
Tracers (BG-500ML)		X	W-E8321-DI		X	W-E8321-MS		x	1	H		
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 (BP-1L)		DTY-QN-C		PKD-QN-BV		Ice						
DOC (P-500ML)		W-DOC		Field Filtered 0.45 µm Filter		Ice		H2SO4*	<2			
				Acid Preservative Expiration Date								
				Acid Preservative Lot Number								



RQ-2024-03-11-35

Customer: FDEP

Project ID: SMP

Collected By: Natalie Howard, Andrew Luering

Field Report Prepared by: Natalie Howard,
Andrew Luering

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G5SE0089

Comments:

Location: SOUTH IRL OUTSIDE VERO BEACH YACHT CLUB

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)
4/15/2024 950	6.5	93.3	24.1	7.85	0.3	1.1	2.1	50255	32.94

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*	
	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)	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)	E Coli	X	F Coli	X	Enterococci	2	I
	Contract Lab		x	Ice			
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 (BP-1L)	DTY-QN-C	PKD-QN-BV	Ice				
DOC (P-500ML)	W-DOC	Field Filtered 0.45 µm Filter	Ice	H2SO4*	<2		
		Acid Preservative Expiration Date					
		Acid Preservative Lot Number					

RQ-2024-03-11-35	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SE0144	Comments:
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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)
4/15/2024 1040	6.52	76.3	22.5	7.54	0.3	0.51	0.51	2417	1.24

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	E		
		Lot #		SA3340020		Exp:		12/11/2024								
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			Ice		HNO3*		<2			
		Lot #				Exp:										
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 um Filter				Ice								
		Filter Lot #		Syringe Lot #												
BOD (BP-1L)		OV-BODUNIN						Ice								
Chlorophyll (BP-1L)	X	CHLSUITE-W					X	Ice						1	E	
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	E	
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	E	
		Contract Lab														
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		X	Ice		1	E		
		PCR-GULL2			PCR-GFD											
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			X	Ice		1	E				
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 (BP-1L)		DTY-QN-C		PKD-QN-BV				Ice								
DOC (P-500ML)		W-DOC	Field Filtered 0.45 um Filter				Ice		H2SO4*		<2					
	Acid Preservative Expiration Date															
	Acid Preservative Lot Number															



RQ-2024-03-11-35

Customer: FDEP

Project ID: SMP

Collected By: Natalie Howard, Andrew Luering

Field Report Prepared by: Natalie Howard,
Andrew Luering

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G5SE0143

Comments:

Location: LATERAL C CANAL NEAR 85TH ST

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)
4/15/2024 1055	6.78	78.7	22.1	7.66	0.14	0.28	0.28	2803	1.46

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 # SA3340020		Exp: 12/11/2024					
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					
		Filter Lot #	Syringe Lot #						
BOD (BP-1L)		OV-BODUNIN							
Chlorophyll (BP-1L)	X	CHLSUITE-W			X Ice			1	D
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	D
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY							
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #						
Periphyton (PT-50ML)		ALGAE-ID							
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	X Ice			1	D
		Contract Lab							
Molecular (QPCR-P-500ML)	X	PCR-HF183	X PCR-BacR	X PCR-DG3	X Ice			1	D
		PCR-GULL2	PCR-GFD						
Tracers (BG-500ML)	X	W-E8321-DI	X W-E8321-MS		X Ice			1	D
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS	W-PSNP-TQ		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 (BP-1L)		DTY-QN-C	PKD-QN-BV						
DOC (P-500ML)		W-DOC	Field Filtered 0.45 µm Filter						
			Acid Preservative Expiration Date					<2	
			Acid Preservative Lot Number						

RQ-2024-03-11-35	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SE0141	Comments:
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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)
4/15/2024 1130	8.01	95.2	23.5	7.83	0.15	0.3	0.3	2967	1.54

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	F	
		Lot #		SA3340020		Exp:		12/11/2024							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			Ice		HNO3*		<2		
		Lot #				Exp:									
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 um Filter				Ice							
		Filter Lot #		Syringe Lot #											
BOD (BP-1L)		OV-BODUNIN						Ice							
Chlorophyll (BP-1L)	X	CHLSUITE-W					X	Ice							
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS					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)	X	E Coli		F Coli		Enterococci		X	Ice						
		Contract Lab													
Molecular (QPCR-P-500ML)	X	PCR- HF183		X	PCR-BacR		X	PCR-DG3		X	Ice				
		PCR-GULL2			PCR-GFD										
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			X	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-CAR8-AA (5 ml of MCAA Buffer Solution)			W-CT-CL-R								
		W-TR-SQ-R		W-PCB-TQ-R											
Phytoplankton (BP-1L)		DTY-QN-C		PKD-QN-BV			Ice								
DOC (P-500ML)		W-DOC	Field Filtered 0.45 um Filter				Ice		H2SO 4*		<2				
	Add Preservative Expiration Date														
	Add Preservative Lot Number														



RQ-2024-03-11-35	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 	Comments:
WIN ID/Field ID: G5SE0115	

Location: MAIN CANAL AT KINGS HIGHWAY

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)			
4/15/2024 1225	6.8	81.8	24.2	7.7	0.3	1.2	2.2	2158	1.1			
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	C
		Lot #		SA3340020	Exp:		12/11/2024					
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		C	
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		C	
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)	X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	X	Ice			1	C
		PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS	X	Ice					1	C
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS	W-PSNP-TQ		Ice	MCAA Exp.	MCAA Lot#				
		W-PCL-TQ-R	W-CAR8-AA (5 ml of MCAA Buffer Solution)	W-CT-CL-R								
		W-TR-SQ-R	W-PCB-TQ-R									
Phytoplankton (BP-1L)		DTY-QN-C	PKD-QN-BV			Ice						
DOC (P-500ML)		W-DOC	Field Filtered 0.45 µm Filter		Ice	H2SO4*				<2		
		Acid Preservative Expiration Date										
		Acid Preservative Lot Number										



RQ-2024-03-11-35	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0086	Comments:

Location: SOUTH CANAL AT 20TH 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)			
4/15/2024 1250	11.72	154.6	29.8	7.23	0.1	0.2	0.2	1126	0.55			
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 #	SA3340020	Exp:	12/11/2024		X	<2	1	B	
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)		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-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	B
			Contract Lab									
Molecular (QPCR-P-500ML)		X	PCR-HF183		PCR-BacR	PCR-DG3	X	Ice			1	B
			PCR-GULL2		PCR-GFD							
Tracers (BG-500ML)		X	W-E8321-DI		W-E8321-MS		X	Ice			1	B
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	MCAA Exp.	MCAA Lot#	
			W-TR-SQ-R		W-PCB-TQ-R							
Phytoplankton (BP-1L)			DTY-QN-C		PKD-QN-BV		Ice					
DOC (P-500ML)			W-DOC		Field Filtered 0.45 µm Filter		Ice		H2SO4*		<2	
					Acid Preservative Expiration Date							
					Acid Preservative Lot Number							



RQ-2024-03-11-35	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

Comments:

WIN ID/Field ID: 
 WIN ID/Field ID: G5SE0069

Location: VERO NORTH CANAL AT 66TH 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 (PPT)						
4/15/2024 1155	5.96	72.1	24.2	7.71	0.21	0.42	0.42	1776	0.9						
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*	1	A				
		Lot #		SA3340020		Exp:		12/11/2024							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			HNO3*						
		Lot #		Exp:				<2							
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 µm Filter											
		Filter Lot #		Syringe Lot #		Ice									
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)	X	E Coli		F Coli		Enterococci				1	A				
		Contract Lab				X	Ice								
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR	X	PCR-DG3			1	A				
		PCR-GULL2		PCR-GFD											
Tracers (BG-500ML)		W-E8321-DI		W-E8321-MS		Ice									
Pesticides (BG-500ML) (BG-1L)	X	W-E8321-DI	X	W-E8321-MS	X	W-PSNP-TQ	Ice	MCAA Exp.	MCAA Lot#	10	A				
	X	W-PCL-TQ-R	X	W-CARB-AA (5 ml of MCAA Buffer Solution)	X	W-CT-CL-R		10/15/2024	145923						
	X	W-TR-SQ-R	X	W-PCB-TQ-R											
Phytoplankton (BP-1L)		DTY-QN-C		PKD-QN-BV		Ice									
DOC (P-500ML)		W-DOC	Field Filtered 0.45 µm Filter		Ice		H2SO 4*								
			Acid Preservative Expiration Date												
			Acid Preservative Lot Number												



RQ-2024-03-11-35	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: FB_04152024

Comments:

Location: FB

Matrix: W-FIELD-BLANK

(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)					
4/15/2024 1200														
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	G	
		Lot #		SA3340020		Exp:	12/11/2024							
Metals (P-500ML)		W-ICPMS		W-ICP			W-HARD	Ice	HNO3*		<2			
		Lot #		Exp:										
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 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- TDS					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)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ	x	Ice	MCAA Exp.	MCAA Lot#	6	G	
	X	W-PCL-TQ-R	X	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R			10/15/2024	145923			
	X	W-TR-SQ-R		X	W-PCB-TQ-R									
Phytoplankton (BP-1L)		DTY-QN-C		PKD-QN-BV				Ice						
DOC (P-500ML)		W-DOC		Field Filtered 0.45 um Filter				Ice		H2SO4*		<2		
			Acid Preservative Expiration Date											
			Acid Preservative Lot Number											

Date of Request: 19-FEB-2024
Created By: SKAGGS_J On: 19-FEB-2024
Modified By: JASROTIA_P On: 23-FEB-2024
Customer: SE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Southeast District
Event Description: SMP - Vero Beach (w Blank) (w Boat sites)

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: S
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 22-FEB-2024
Biology Request Reviewed By: JASROTIA_P On: 23-FEB-2024
Sampling Kit Required: YES Ship on: 04-MAR-2024
Sampling Kit Shipped: YES On: 28-FEB-2024
Sampling Kit Packed By: KREUCH_B
Preservatives Needed: YES
Date to Receive Samples: 15-MAR-2024
Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Andrew Luering
Report Notification EMail:
jordan.skaggs@floridadep.gov;andrew.luering@floridadep.gov

Comments: Lab Comments:
Please send 4 coolers for return
Please send 2 vials MCAA buffer

Sampler Comments:

A - G5SE0069 - nut, ecoli, markers, pest
B - G5SE0086 - nut, ecoli, markers, tracers
C - G5SE0115 - nut, ecoli, markers, tracers
D - G5SE0143 - nut, ecoli, markers, tracers
E - G5SE0144 - nut, ecoli, markers, tracers
F - G5SE0141 - nut, ecoli, markers, tracers - site was moved South of original kmz point
G - Field Blank @ G5SE0069 (nutrients, pesticides)

Boat/Canoe Sites - dog park launch
H - G5SE0088 - entero, fecal, tracers
I - G5SE0089 - entero, fecal

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 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 Group A (Water) With 1 Samples:

Bottle Type: BP-1L CHLSUITE-W	Template: DEFAULT	Number of Bottles: 1 (SM 10150 B)	Preserved With: ICE Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI ECOLI-18QT	Template: DEFAULT	Number of Bottles: 1 (SM 9223 B Quanti-Tray)	Preserved With: ICE Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: QPCR-P-500ML PCR-BACR	Template: DEFAULT	Number of Bottles: 1 (SOP-PCR-1.4)	Preserved With: ICE 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 W-CARB-AA	Template: DEFAULT	Number of Bottles: 1 (EPA 8321B)	Preserved With: CH ₂ ClCOOH and Ice Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML FILL TO W-CT-Cl-R	Template: DEFAULT	Number of Bottles: 4 (EPA 8276)	Preserved With: ICE 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 Type: BG-500ML W-E8321-DI	Template: DEFAULT	Number of Bottles: 1 (EPA 8321B)	Preserved With: ICE 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 W-NH3	Template: DEFAULT	Number of Bottles: 1 (EPA 350.1 Rev. 2.0)	Preserved With: ICE And H ₂ SO ₄ 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-2014)	Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: BG-500ML W-PSNP-TQ	Template: DEFAULT	Number of Bottles: 4 (EPA 8270E)	Preserved With: ICE Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
W-TR-SQ-R	Template: DEFAULT	(EPA 8270E)	Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L ALKALINITY	Template: DEFAULT	Number of Bottles: 1 (SM 2320 B-2011)	Preserved With: ICE 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-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: BP-1L CHLSUITE-W	Template: DEFAULT	Number of Bottles: 1 (SM 10150 B)	Preserved With: ICE Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI ECOLI-18QT	Template: DEFAULT	Number of Bottles: 1 (SM 9223 B Quanti-Tray)	Preserved With: ICE Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: QPCR-P-500ML PCR-BACR	Template: DEFAULT	Number of Bottles: 1 (SOP-PCR-1.4)	Preserved With: ICE 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 W-E8321-DI	Template: DEFAULT	Number of Bottles: 1 (EPA 8321B)	Preserved With: ICE 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

Bottle Group B (Water) With 1 Samples:

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-2014) 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-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: 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
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 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 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-2014) Nonpurgeable Organic Carbon in aqueous matrices

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: 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
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE

Bottle Group D (Water) With 1 Samples:

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 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-2014) Nonpurgeable Organic Carbon in aqueous matrices

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	(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: 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
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 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 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-2014) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group F (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

Bottle Group F (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
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
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colifert 18 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 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-2014) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group G (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: BG-500ML	Number of Bottles: 1	Preserved With: CH2ClCOOH and Ice
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML FILL TO	Number of Bottles: 2	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 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 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-2014) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
W-TR-SQ-R	Template: DEFAULT	(EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group H (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 Group H (Water) With 1 Samples:

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 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 Group I (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

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