

RQ- 2023-06-12-21

Login Checklist

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/13/23 @ 0910

*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	
1.3				12		x			SP5947367298

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/ Field Sheet(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 _____

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: BKK

Chlorine detected? (One container checked per Field ID)

Yes _____ No XInit: BKK

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: BKK

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

Yes _____ No _____ NA X

Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date:

6/13/23

Event contains NCRs (Y/N)?

N

EventID:

2023 Run 15

SW-DIST-2023-06-13-01 (SMP)

Date Received: 13-JUN-2023 09:10

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#210620 Exp:4/15/23
Chlorine Test Strips	Lot#1196 Exp:2/24

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: 6/12/2023	Collected By: Ben Paswater, Devin Mathias
Customer: SW-DIST	Sampling Agency: FDEP
RQ: RQ-2023-06-12-21	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
HOWARD PRAIRIE BRANCH AT GRANGE HALL	 G2SW0153
ALDERMAN CREEK AT MOSAIC	 G2SW0101
LIL MANATEE AT TAYLOR GRADE	 G2SW0023
LIL MANATEE RIVER S FORK AT SAFFOLD RD	 G2SW0103
MANATEE RIVER NEAR RIVER ISLES CLUBHOUSE	 G2SW0119

RELINQUISHED BY (SIGNATURE):



DATE/TIME: 6/12/2023
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: Brian Kneer

Rec'd/Inspected Date: 6/13/23 0910



RQ-2023-06-12-21

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Devin Mathias

Field Report Prepared by: Ben Paswater, Devin Mathias

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G2SW0153

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: HOWARD PRAIRIE BRANCH AT GRANGE HALL

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)
6/12/2023 1050	5.03	61.4	25.4	7.29	0.15	0.3	0.3	338.8	0.16

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 #	SA3013020		Exp:	1/25/24			<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 um Filter				
		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)	X	E Coli	F Coli	Enterococci					
	X	Contract Lab			X	Ice		1	A
Molecular (QPCR-P-500ML)		PCR-HF183	PCR-BacR	PCR-DG3					
		PCR-GULL2	PCR-GFD			Ice			
Tracers (BG-500ML)		W-E8321-DI	W-E8321-MS			Ice			
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS	W-P5NP-TQ			MCAA Exp.	MCAA Lot#	
		W-PCL-TQ-R	W-CAR8-AA (5 ml of MCAA Buffer Solution)	W-CT-CL-R		Ice			
		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*	
	Acid Preservative Expiration Date						<2		
	Acid Preservative Lot Number								



RQ-2023-06-12-21

Collected By: Ben Paswater, Devin Mathias

Customer: FDEP

Field Report Prepared by: Ben Paswater, Devin Mathias

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



Comments: Microbiology sample(s) submitted to contract laboratory.

WIN ID/Field ID: G2SW0101

Location: ALDERMAN CREEK AT MOSAIC

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)				
6/12/2023 1130	7.22	87.3	24.9	6.86	0.15	0.3	0.3	304.7	0.14				
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:		1/25/24						
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-CH-C / 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	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-CAR8-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-2023-06-12-21					Collected By: Ben Paswater, Devin Mathias							
	Customer: FDEP					Field Report Prepared by: Ben Paswater, Devin Mathias							
	Project ID: SMP					Sampling Agency: FDEP							
WIN ID/Field ID:  WIN ID/Field ID: G2SW0023					Comments: Microbiology sample(s) submitted to contract laboratory.								
Location: LIL MANATEE AT TAYLOR GRADE													
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)				
6/12/2023 1215	5.88	72.2	25.7	7.16	0.3	0.8	0.8	237.8	0.11				
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)		x	W-ICPMS	x	W-ICP	x	W-HARD	x	Ice	x	HNO3*		
		Lot #		NA2230040		Exp:		9/1/23		X	<2	1	B
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	B
		X	Contract Lab										
Molecular (QPCR-P-500ML)		X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	x	Ice	1	B		
			PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)		X	W-E8321-DI	X	W-E8321-MS		x	Ice	1	B			
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-PC8-TQ-R									
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice							
DOC		W-DOC		Field Filtered 0.45 um Filter		Ice	H2SO 4*		<2				
				Add Preservative Expiration Date									
				Add Preservative Lot Number									



RQ-2023-06-12-21

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Devin Mathias

Field Report Prepared by: Ben Paswater, Devin Mathias

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G2SW0103

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: LIL MANATEE RIVER S FORK AT SAFFOLD RD

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)
6/12/2023 1245	7.5	93	26.3	7.12	0.2	0.4	0.4	277	0.13

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)	x	W-ICPMS	x	W-ICP	x	W-HARD	x	Ice	x	HNO3*	
	Lot #		NA2230040		Exp:		9/1/23	X	<2	1	B
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-CHC / 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	B
	X	Contract Lab									
Molecular (QPCR-P-500ML)	X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	x	Ice		1	B
		PCR-GULL2		PCR-GFD							
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS	x	Ice				1	B
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-2023-06-12-21

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Devin Mathias

Field Report Prepared by: Ben Paswater, Devin Mathias

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SW0119

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: MANATEE RIVER NEAR RIVER ISLES CLUBHOUSE

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)
6/12/2023 1325	4.54	63.5	31	7.07	0.3	1.2	1.3	12863	7.32

Parameter Suite	Parameter Methods		Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP		Ice	H2SO4*	<2	
	Lot #	Exp:				
Metals (P-500ML)	W-ICPMS / W-ICP / W-HARD		Ice	HNO3*	<2	
	Lot #	Exp:				
Filtered Nutrients (P125ML)	W-PO4-F / Field Filtered 0.45 µm Filter		Ice			
	Filter Lot #	Syringe Lot #				
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 / F Coli / X / Enterococci		x Ice		1	C
	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	Ice	MCAA Exp.	MCAA Lot#	
	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)				
	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				

Benchmark EnviroAnalytical, Inc
1711 12th Street East
Palmetto, FL 34221
941-723-9986
941-723-6061 Fax

Client Information: **FDEP**

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5878

Report to: benjamin.paswater@dep.state.fl.us
DEP-Overflomicro@dep.state.fl.us

PO# C00EF5

Invoice to: FDEP Micro Overflow

Project Name: RQ-2023-06-12-21

Laboratory Submission # 73660688

Sample Name	Sample Type / Sample Matrix ²	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity			
G2SW0153	SW	8/12/23	1050	1	250mL	P Plain (on Ice)	E. Coli	1
G2SW0101	SW	8/12/23	1130	1	250mL	P Plain (on Ice)	E. Coli	2
G2SW0023	SW	8/12/23	1215	1	250mL	P Plain (on Ice)	E. Coli	3
G2SW0103	SW	8/12/23	1245	1	250mL	P Plain (on Ice)	E. Coli	4
G2SW0119	SW	8/12/23	1325	1	250mL	P Plain (on Ice)	Entero	5
	SW				250mL	P Plain (on Ice)		
	SW				250mL	P Plain (on Ice)		

1. "Sample Type" is used to determine whether the sample was a gas (G) or whether it was a composite (C).
2. "Sample Matrix" is used to determine whether the sample was surface water (SW), groundwater (GW), or sediment (SED).
3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4. "Preservative" is used to indicate whether the sample was preserved (P) or not (N).
5. "Parameters for Analysis" are the specific tests requested by the client.
6. "Laboratory Sample #": All test results are reported under this number.
7. "Date": The date of collection.
8. "Time": The time of collection.
9. "Qty": The quantity of sample collected.
10. "Capacity": The capacity of the container.
11. "Preservative": The type of preservative used.
12. "Parameters for Analysis": The specific tests requested by the client.
13. "Laboratory Sample #": The number assigned by the laboratory to the sample.
14. "Date": The date of collection.
15. "Time": The time of collection.
16. "Qty": The quantity of sample collected.
17. "Capacity": The capacity of the container.
18. "Preservative": The type of preservative used.
19. "Parameters for Analysis": The specific tests requested by the client.
20. "Laboratory Sample #": The number assigned by the laboratory to the sample.

Laboratory Sample Acceptability:
Temperature: 0.8°C

1	Collected / Relinquished By: <u>[Signature]</u>	Date: <u>8/12/23</u>	Time: <u>1430</u>	Received By: <u>Nathan Hadsell</u>	Date: <u>8-16-23</u>	Time: <u>1431</u>
2	Relinquished By: <u>[Signature]</u>	Date: <u></u>	Time: <u></u>	Received By: <u></u>	Date: <u></u>	Time: <u></u>

Date of Request: 11-MAY-2023
 Created By: PASWATER_B On: 11-MAY-2023
 Modified By: JASROTIA_P On: 24-MAY-2023
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: 2023 Run 15

Send Coolers To:

Phone: 813-632-7600
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Cooler Ship EMail: benjamin.paswater@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 24-MAY-2023
 Biology Request Reviewed By: JASROTIA_P On: 24-MAY-2023
 Sampling Kit Required: YES Ship on: 05-JUN-2023
 Sampling Kit Shipped: YES On: 02-JUN-2023
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 12-JUN-2023
 Logged In By:

Send Final Report To:

13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Report Notification EMail:
 benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us
 ;Devin.Mathias@Floridade.gov

Comments: Run 15

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
SW-BEA-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by BEA in Palmetto
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 2 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 2	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

Bottle Group B (Water) With 2 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 2	Preserved With: ICE
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: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
SW-BEA-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by BEA in Palmetto
Bottle Type: BG-500ML	Number of Bottles: 2	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: 2	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
W-ICP	Template: SMP-FRESH	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Strontium		
Tin		
Titanium		
Vanadium		
Zinc		
W-ICPMS	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SW-BEA-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto

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