

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 12/19/2023
Customer: SO-DIST
RQ: RQ-2023-12-18-17

Collected By: Monica Jaeger, Samantha Gelinas
Sampling Agency: FDEP
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
SHELLCREEKRESERVOIRMID	 G3SD0204
MYRTLE SLOUGH AT BERMONT	 G3SD0181
SHELL CR AT HATHAWAY PARK	 G3SD0120

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/19/2023

1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected
Date:



RQ-2023-12-18-17	Collected By: Monica Jaeger, Samantha Gelinas
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Samantha Gelinas
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0204	Comments:

Location: SHELLCREEKRESERVOIRMID

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)			
12/19/2023 930	8.37	89.2	18.1	7.27	0.3	1	1.2	802	0.39			
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 #		SA3193140	Exp:	07/31/2024						
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	B	
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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)		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)	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 (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-2023-12-18-17	Collected By: Monica Jaeger, Samantha Gelinas
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Samantha Gelinas
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0181	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: MYRTLE SLOUGH AT BERMONT

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)				
12/19/2023 1045	6.86	75.2	17.8	7.06	0.15	0.3	0.3	548	0.27				
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:						<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)	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		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		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-2023-12-18-17	Collected By: Monica Jaeger, Samantha Gelinas
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Samantha Gelinas
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3SD0120	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: SHELL CR AT HATHAWAY PARK

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)						
12/19/2023 830	6.13	65.7	18.5	6.79	0.3	2.6	3	949	0.47						
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*	X	<2	1	A	
	Lot #		NA3123030		Exp:		05/10/2024								
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	A
	X	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 (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												

Benchmark EnviroAnalytical, Inc.

1001 Corporate Ave. Suite 102

North Port, FL 34289

(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 11.7 °CChecked at Benchmark EA South E85086
With Temperature Gun ID #7

Client Name: FDEP

Address: 2600 Blair Stone Rd.

Tallahassee, FL, 32399

Phone: (239) 344-5718

Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore

P.O. #: Lab C1EFCB

Project Name: RQ- 2023-12-18-17

Project Run/Location: SMP: Shell Creek

Laboratory Submission #:

S23120585

Station ID	Surface Water Sample Matrix ² (Fresh / Marine)	Enterococci E.coli (SM9223B Quantitray)		Laboratory Sample #
	Sample Type			
	E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL			
G3SD0120	(F) M / Grab	E. coli / Entero / Fecal coliform	Date & Time: 12/19/23 8:30	1
G3SD0181	(F) M / Grab	E. coli / Entero / Fecal coliform	Date & Time: 12/19/23 10:45	2
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	

¹ "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).² "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).⁴ Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.**Instructions:**

- Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 11.7 °C

1	Collector: <u>Emily Colkinson</u>	Date: <u>12/19/23</u>	Time: <u>11:27</u>	Received By: <u>Melinda Marchant</u>	Date: <u>12/19/23</u>	Time: <u>11:27</u>
2	Relinquished by:	Date:	Time:	Received By: <u>Melinda Marchant</u>	Date:	Time:
3	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
5	Relinquished by:	Date:	Time:	Received By:	Date:	Time: