

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/19/2023
Customer: SO-DIST
RQ: RQ-2023-03-06-31

Collected By: Nicole Reistad, Monica Jaeger
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
PRAIRIE CREEK AT WASHINGTON LOOP	 G3SD0067
SHELL CR AT HATHAWAY PARK	 G3SD0120
SHELLCREEKRESERVOIRMID	 G3SD0204
MYRTLE SLOUGH AT BERMONT	 G3SD0181

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 4/19/2023

1500 EST



THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected
Date:



RQ-2023-03-06-31	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0067	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: PRAIRIE CREEK AT WASHINGTON LOOP

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)				
4/19/2023 835	3.56	43.3	25.1	6.51	0.3	1.8	4	1034	0.51				
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		<2						
	Lot #		Exp:										
Metals (P-500ML)	W-ICPMS		W-ICP		W-HARD		<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-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		X	W-PSNP-TQ	x	Ice	MCAA Exp.	MCAA Lot#	4	A	
		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R								
	X	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-2023-03-06-31	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
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)														
4/19/2023 905	8.81	106.9	25.1	7.87	0.3	0.8	3	847	0.41														
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	B								
		Lot #				NA1105100		Exp:		06/07/23													
Filtered Nutrients (P125ML)		W-PO4-F				Field Filtered 0.45 µm Filter																	
		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-CH-C / 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 #																	
Periphyton (PT-50ML)		ALGAE-ID				Ice																	
Microbiology (Contract Lab Bottle)		X	E Coli		F Coli		Enterococci	x	Ice			1	B										
		X	Contract Lab					x	Ice														
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				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		H2SO 4*											
						Acid Preservative Expiration Date																	
						Acid Preservative Lot Number						<2											



RQ-2023-03-06-31	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
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)				
4/19/2023 1000	6.48	78.3	24.8	7.77	0.3	0.7	1.3	873	0.43				
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 #		SA3013020	Exp:	01/25/24							
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	C		
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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)		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	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-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-2023-03-06-31	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
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)				
4/19/2023 1105	6.29	71.8	21.9	7.56	0.15	0.3	0.3	204.7	0.1				
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	D	
	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.				
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R				MCAA Lot#				
	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										

BEAS Sample Receipt Temp. 37 °C

Benchmark EnviroAnalytical, Inc. Checked at Benchmark EA South E85088
 1001 Corporate Ave, Suite 102 With Temperature Gun ID #7
 North Port, FL 34289
 (941) 625-3137 / (941) 240-3071 fax

Client Name: FDEP
 Address: 2600 Blair Stone Rd,
 Tallahassee, FL, 32399
 Phone: (850) 245-8085
 Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
 P.O. #: Lab-H6970

COCEFS

2023-03-06-31
 Project Name: RQ-2019-

Project Run Location: SMP/Shell creek

Laboratory Submission #:

523040412

Station ID	Surface Water Sample Matrix* (Fresh / Marine)	Sample Type	Enterococci E.coli (SM9223B Quantitray)	Laboratory Sample #
E.Coli = 250 ml.; Entero = 120 ml.; Fecal Coliform = 120 ml.				
G3SD00067	F / M / Grab	E.coli / Entero / F.coli	4/19/23 835	1
G3SD0120	F / M / Grab	E.coli / Entero / F.coli	4/19/23 905	2
G3SD0181	F / M / Grab	E.coli / Entero / F.coli	4/19/23 1105	3
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	

Sample Type is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

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), salt surface water (SSW), soil sediment (SDSMT), or sludge (SLDG).

Container Type is used to indicate whether the container is plastic (P) or glass (G).

Sample must be refrigerated or stored in ice after collection. The maximum temperature during storage should be 6°C (41°F). Under "Preservative" list any preservatives that were added to the sample container.

1. Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.

2. The following information should be added to each bottle label after collection with pen or black ink: date and time of collection, sample's name or initials, and any field number or ID.

3. All bottles not containing preservative may be fixed with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please note a special sampling event on the sample custody form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 37°C

1	Collector:	Monica Jaeger	Date:	4/19/23	Time:	1146	Received By:	Melinda Merchant	Date:	4/19/23	Time:	1146
2	Relinquished by:		Date:		Time:		Received By:	Melinda Merchant - BEAS	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:	