

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>10/31/2022</u> Customer: <u>SO-DIST</u> RQ: <u>RQ-2022-10-31-34</u>	Collected By: <u>Nicole Reistad, Monica Jaeger</u> Sampling Agency: <u>FDEP</u> Project ID: <u>SMP</u>
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PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
CoralCreekEast	 G2SD0046
FB	 FB_10312022
Coral Creek (East) Upstream of Golf Course	 G2SD0039
GOTTFRIED CREEK @ DEER CREEK MOBILE HOME	 G2SD0028

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/31/2022

1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected

Date:

WIN ID/Field ID:  WIN ID/Field ID: G2SD0046	Comments: Microbiology sample(s) submitted to contract laboratory.
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Location: CoralCreekEast

Matrix: Marine	(Check One) ☒ Grab ☐ Composite
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Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
10/31/2022 1130	1.25	17.6	27.2	7.27	0.3	0.3	1.2	31308	19.42

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 #		SA2145160		Exp:		06/02/23													
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	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)	X	Alkalinity / W-F / W-TSS / TURBIDITY						X	Ice								1	A		
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	Ice							2	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-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 um Filter					Ice		H2SO4*		<2						
	Acid Preservative Expiration Date																			
	Acid Preservative Lot Number																			

Location: FB

Matrix: W-FIELD-BLANK	(Check One) ☒ Grab ☐ Composite
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[illegible]

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 #		SA2229010		Exp:		08/30/23										
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)		Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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			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)		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 um Filter				Ice		H2SO4*		<2				
	Acid Preservative Expiration Date																
	Acid Preservative Lot Number																



RQ-2022-10-31-34	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: G2SD0039	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Coral Creek (East) Upstream of Golf Course

Matrix: Marine

(Check One) ☒ Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)							
10/31/2022 1230	3.16	46.2	27.4	7.59	0.3	0.9	1.3	40772	26.01							
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 #		SA2229010		Exp:		08/30/23								
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			Ice		<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)		Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-C / W-COLOR / W-SO4-IC / W- TDS					Ice									
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY				X	Ice					1	A			
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	A				
	X	Contract Lab					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		DTY-QN-C		PKD-QN-BV					Ice							
DOC		W-DOC		Field Filtered 0.45 µm Filter			Ice		H2SO4*							
				Acid Preservative Expiration Date												
				Acid Preservative Lot Number												



RQ-2022-10-31-34	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: G2SD0028	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: GOTTFRIED CREEK @ DEER CREEK MOBILE HOME

Matrix: Marine

(Check One) ☒ Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. @	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)						
10/31/2022 1330	3.76	55.1	29.4	7.63	0.25	0.5	0.5	32612	20.27						
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)		x	W-ICPMS	x	W-ICP		W-HARD	x	Ice	x	HNO3*				
		Lot #		NA1286110		Exp:		11/16/22		X	<2	1	B		
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 #				Formalin							
Periphyton (PT-50ML)		ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)		E Coli		F Coli		x	Enterococci								
		Contract Lab										1	B		
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR			PCR-DG3								
		PCR-GULL2		PCR-GFD											
Tracers (BG-500ML)		x	W-E8321-DI	x	W-E8321-MS							1	B		
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		x	W-PSNP-TQ								
		x	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		x	W-CT-CL-R					8	B		
		x	W-TR-SQ-R	x	W-PCB-TQ-R										
Phytoplankton		DTY-QN-C		PKD-QN-BV											
DOC		W-DOC		Field Filtered 0.45 µm Filter			Ice			H2SO4*					
				Acid Preservative Expiration Date								<2			
				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. 1.8

Client Name: FDEP

Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399

Phone: (239) 344-5719

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

Bill to: Frances Moore
P.O. #: Lab B95341

Project Name: RQ-2021-

Project Run/Location: SNP; ~~coral~~ coral creek

2022-10-31-34

Laboratory Submission #:

522100784

Station
ID

Surface Water
Sample Matrix²
(Fresh / Marine)
Sample Type

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL

G2SD0046

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time: 10/31/22 1130

G2SD0039

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time: 10/31/22 1230

G2SD0078

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time: 10/31/22 1330

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:

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 permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.

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

4. 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: 1.8°C

1	Collector: <u>Monica Jaeger</u>	Date: <u>10/31/22</u>	Time: <u>1432</u>	Received By: <u>Melinda Merchant</u>	Date: <u>10/31/22</u>	Time: <u>1432</u>
2	Relinquished by:	Date:	Time:	Received By: <u>Melinda Merchant - BEAS</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: