

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 3/3/2022 **Collected By:** Monica Jaeger, Thomas Baker
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-02-28-32 **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
Myrtle Slough @ Bermont	 G3SD0181
FB	 FB_03032022
LeeBranchAtDuncanRd	 G3SD0211
LeeBranchAtRailroad	 G3SD0212
LeeBranchAtSnookCirRamp	 G3SD0213
LeeBranchAtTamayoDr	 G3SD0214

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/3/2022 1500
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-02-28-32	Collected By: Monica Jaeger, Thomas Baker
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0181	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:**Location:** Myrtle Slough @ 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 (PPTH)
3/3/2022 845	4.23	47.2	19.3	6.89	0.1	0.2	0.2	583	0.28

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:		6/7/22									
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-BR-IC / 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)	PCR-HF183		PCR-BacR		PCR-DG3			Ice								
	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-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									



RQ-2022-02-28-32	Collected By: Monica Jaeger, Thomas Baker
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: FB_03032022	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: FB

Matrix: DI Water

(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 (PPTH				
3/3/2022 850													
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	HNO3*	<2			
	Lot #		NA1105100			Exp: 44719							
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-BR-IC / 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							



RQ-2022-02-28-32	Collected By: Monica Jaeger, Thomas Baker
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0211	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: LeeBranchAtDuncanRd

Matrix: Fresh (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 (PPTH				
3/3/2022 915	7.47	80.4	18.3	7.12	0.05	0.1	0.1	2148	1.1				
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			<2				
		Lot #				Exp:							
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)		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-BR-IC / 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					
		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					

WIN ID/Field ID:  WIN ID/Field ID: G3SD0212	Comments: Microbiology sample(s) submitted to contract laboratory.
---	---

Location: LeeBranchAtRailroad

(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 (PPTH					
3/3/2022 930	6.68	73.1	19.2	6.87	0.1	0.2	0.2	2284	1.18					
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 #		SA1105060		Exp:		04/30/22						
Metals (P-500ML)			W-ICPMS			W-ICP		Ice		HNO3*		<2		
		Lot #				Exp:								
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter		X	Ice			1	D	
		Filter Lot #		27232837		Syringe Lot #		1091364						
BOD (BP-1L)			OV-BODUNIN					Ice						
Chlorophyll (BP-1L)		X	CHLSUITE-W				X	Ice				1	D	
Physical/Aggregate (Fresh) (P-1L)		X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS				X	Ice				1	D	
Physical/Aggregate (Marine) (P-1L)			Alkalinity / W-BR-IC / 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	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			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					



RQ-2022-02-28-32	Collected By: Monica Jaeger, Thomas Baker
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0213	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: LeeBranchAtSnookCirRamp

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 (PPTH				
3/3/2022 950	5.78	68.2	21.5	6.68	0.1	0.2	0.2	7726	4.38				
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-BR-IC / 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				
		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					



RQ-2022-02-28-32	Collected By: Monica Jaeger, Thomas Baker
Customer: FDEP	Field Report Prepared by: Monica Jaeger, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0214	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: LeeBranchAtTamayoDr

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 (PPTH							
3/3/2022 1000	4.27	52.5	23.2	6.83	0.15	0.3	0.3	16103	9.44							
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				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)		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-BR-IC / 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	C						
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										

Benchmark EnviroAnalytical, Inc.
1001 Corporate Ave. Suite 102
North Port, FL 34289
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 5.3 °C
Checked at Benchmark EA South E85086
With Temperature Gun ID #7

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~~ ²⁰²²⁻⁰²⁻²⁸⁻³²
Project Run/Location:

Laboratory Submission #:

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		
G3SD0181	(P) M / Grab	E. coli / Entero / Fecal coliform	Date & Time: 3/3/22 845	
G3SD0211	(P) M / Grab	E. coli / Entero / Fecal coliform	Date & Time: 3/3/22 915	
G3SD0212	(P) M / Grab	E. coli / Entero / Fecal coliform	Date & Time: 3/3/22 930	
G3SD0213	F / (M) Grab	E. coli / Entero / Fecal coliform	Date & Time: 3/3/22 950	
G3SD0214	F / (M) Grab	E. coli / Entero / Fecal coliform	Date & Time: 3/3/22 1000	
	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 this sample custody form.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature: 5.3°C

1	Collector: <u>Monica Jaeger</u>	Date: <u>3/3/22</u>	Time: <u>1044</u>	Received By: <u>Brook Krutovich</u>	Date: <u>3/3/22</u>	Time: <u>1044</u>
2	Relinquished by:	Date:	Time:	Received By:	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: