

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/20/2022 **Collected By:** Thomas Baker, William Mullen
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-04-18-35 **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: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
LITTLE ALLIGATOR CREEK @ MIDWAY BLVD	 G3SD0071
FlopuckNearPearlSt	 G3SD0185
ROCK CREEK @ EISENHOWER DR	 G3SD0070
MYAKKA RIVER (TIDAL) @ US 41	 G3SD0068
ALLIGATOR @JACARANDA	 G2SD0026

RELINQUISHED BY(SIGNATURE):

CS -

DATE/TIME: 4/20/2022

1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-04-18-35	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0071	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:**Location:** LITTLE ALLIGATOR CREEK @ MIDWAY BLVD

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														
4/20/2022 835	4.75	65.4	23.7	7.43	0.125	0.25	0.25	42160	27.08														
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 #		SA1105060		Exp:		04/30/22															
Metals (P-500ML)		x	W-ICPMS		X	W-ICP			W-HARD		X	Ice	X	HNO3*		X	<2	1	A				
		Lot #		NA1005100		Exp:		06/07/22															
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)		X	CHLSUITE-W				X	Ice		1		A											
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)		X	Alkalinity / W-BR-IC / 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			F Coli		X	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-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: G3SD0185	Comments: Microbiology sample(s) submitted to contract laboratory.
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Location: FlopbuckNearPearlSt

(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														
4/20/2022 905	4.41	62	25.4	7.53	0.2	0.4	0.4	38120	24.23														
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 #		SA1105060		Exp:		04/30/22															
Metals (P-500ML)		x	W-ICPMS		X	W-ICP			W-HARD		X	Ice	X	HNO3*		X	<2	1	A				
		Lot #		NA1005100		Exp:		06/07/22															
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)		X	CHLSUITE-W				x	Ice		1		A											
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)		X	Alkalinity / W-BR-IC / 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			F Coli		X	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-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: G3SD0070

Location: ROCK CREEK @ EISENHOWER DR

(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														
4/20/2022 935	5.43	73.5	23.6	7.65	0.1	0.2	0.2	37607	23.86														
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 #		SA1105060		Exp:		04/30/22															
Metals (P-500ML)		x	W-ICPMS		X	W-ICP			W-HARD		X	Ice	X	HNO3*		X	<2	1	A				
		Lot #		NA1005100		Exp:		06/07/22															
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)		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-BR-IC / 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			F Coli		X	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-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: G3SD0068	Comments:
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Location: MYAKKA RIVER (TIDAL) @ US 41

(Check One) ☒ Grab ☐ Composite

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 #			SA1105060		Exp:		04/30/22										
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								
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)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY							X	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-2022-04-18-35	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SD0026	Comments:

Location:
Location: ALLIGATOR @JACARANDA

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					
4/20/2022 1045	3.86	45.4	22.7	7.75	0.15	0.3	0.3	2558	1.32					
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		<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)		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	D		
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ		x	Ice		MCAA Exp.	MCAA Lot#	4	D
		X	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		X			W-CT-CL-R				
		W-TR-SQ-R		X	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. 4.4 °C
Checked at Benchmark EA South E85088
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

2022-04-18-35

Project Name: RQ-2021-

Project Run/Location: Myakkae Creeks

Station
ID

Laboratory Submission #:

S22040489

Station ID	Surface Water Sample Matrix* (Fresh / Marine)	Sample Type	Enterococci		Laboratory Sample #
			E.coli (SM9223B Quantitray)		
			E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL		
635110071	F / M / Grab	E.coli / Enterococci	Date & Time: 04/20/22	835	1
635110185	F / M / Grab	E.coli / Enterococci	Date & Time: 04/20/22	905	2
635110071	F / M / Grab	E.coli / Enterococci	Date & Time: 04/20/22	935	3
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	Date & Time:		
	F / M / Grab	E.coli / Enterococci	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), saline surface water (SSW), soil, sediment (SDMT), 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 wet ice after collection. The maximum temperature during storage should be 4°C (40°F). Under "Preservative" list any preservatives that were added to the sample container.

Each bottle has a label identifying sample ID, premeasured 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 mixed 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: 4.4

Collector: Thomas Balice	Date: 04/20/22	Time: 1130	Received By: Melinda Merchant - BEAS	Date: 4/20/22	Time: 1130
Relinquished by:	Date:	Time:	Received By:	Date:	Time:
Relinquished by:	Date:	Time:	Received By:	Date:	Time:
Relinquished by:	Date:	Time:	Received By:	Date:	Time:
Relinquished by:	Date:	Time:	Received By:	Date:	Time: