FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date:	6/3/2021	**Collected By:**	William Mullen, Nicole Reistad
Customer:	SO-DIST	**Sampling Agency:**	FDEP
RQ:	RQ-2021-05-31-50	**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
Apollo Waterway EBranch	G3SD0208
LITTLE ALLIGATOR CREEK @ MIDWAY BLVD	G3SD0071
Apollo Waterway WBranch	G3SD0195
ROCK CREEK @ EISENHOWER DR	G3SD0070
MYAKKA RIVER (TIDAL) @ US 41	G3SD0068

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 6/3/2021 1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: **Rec'd/Inspected Date**:

RQ-2021-05-31-50	**Collected By**: William Mullen, Monica Jaeger
Customer: FDEP	**Field Report Prepared by**: William Mullen, Monica Jaeger
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID: **WIN ID/Field ID:** G3SD0208 **Location**: Apollo Waterway EBranch	**Comments**: Microbiology sample(s) submitted to contract laboratory
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
6/3/2021 935	4.7	66.7	27.2	7.65	0.3	0.5	0.5	28209	17.32
Central Lab please use top row for login purposes									

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 #	120053		**Exp:**	10/05/21										
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD				Ice		HNO3*		<2		
		Lot #			**Exp:**											
Filtered Nutrients (P125ML)	x	W-PO4-F	x	Field Filtered 0.45 um Filter					x	Ice					1	C
		Filter Lot #	**17162587**													
		Syringe Lot #	**79931**													
Chlorophyll (BP-1L)	x	CHLSUITE-W							x	Ice					1	C
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	C
Macroinvertebrates (PJ-2L)		MI-FW-QLDC								Ice						
Periphyton (PT-50ML)		ALGAE-ID								Ice						
Microbiology (Contract Lab Bottle)		E Coli		F Coli		X	Enterococci		x	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						
							W-DIELDRIN									
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R									
Phytoplankton		DTY-QN-C		PKD-QN-BV						Ice						

RQ-2021-05-31-50	**Collected By**: William Mullen, Monica Jaeger
Customer: FDEP	**Field Report Prepared by**: William Mullen, Monica Jaeger
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID: **WIN ID/Field ID:** G3SD0071 **Location**: LITTLE ALLIGATOR CREEK @ MIDWAY BLVD	**Comments**: Microbiology sample(s) submitted to contract laboratory
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
6/3/2021 855	2.3	34.2	27.7	6.94	0.3	0.6	0.6	41254	26.36
Central Lab please use top row for login purposes									

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 #	120053	**Exp:**	10/052021										
Metals (P-500ML)	x	W-ICPMS	x	W-ICP		W-HARD	x	Ice	x	HNO3*	**X**	<2	1	B
	Lot #	NA0344060	**Exp:**	01/042022										
Filtered Nutrients (P125ML)	x	W-PO4-F	x	Field Filtered 0.45 um Filter			x	Ice					1	B
	Filter Lot #	**17162587**												
	Syringe Lot #	**79931**												
Chlorophyll (BP-1L)	x	CHLSUITE-W					x	Ice					1	B
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	B
Macroinvertebrates (PJ-2L)		MI-FW-QLDC						Ice						
Periphyton (PT-50ML)		ALGAE-ID						Ice						
Microbiology (Contract Lab Bottle)		E Coli		F Coli	X	Enterococci	x	Ice					1	B
	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						
						W-DIELDRIN								
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice						

RQ-2021-05-31-50	**Collected By**: Monica Jaeger, William Mullen

Customer: FDEP	**Field Report Prepared by**: Monica Jaeger, William Mullen
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID: **WIN ID/Field ID:** G3SD0195 **Location**: Apollo Waterway WBranch	**Comments**: Microbiology sample(s) submitted to contract laboratory
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
6/3/2021 1005	5.22	74.4	27.5	7.66	0.3	0.5	0.5	30512	18.87
Central Lab please use top row for login purposes									

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 #	120053		**Exp:**	10/05/2021							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice	HNO3*		<2		
		Lot #			**Exp:**								
Filtered Nutrients (P125ML)	x	W-PO4-F	x	Field Filtered 0.45 um Filter			x	Ice				1	C
		Filter Lot #		**17162587**									
		Syringe Lot #		**79931**									
Chlorophyll (BP-1L)	x	CHLSUITE-W					x	Ice				1	C
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	C
Macroinvertebrates (PJ-2L)		MI-FW-QLDC						Ice					
Periphyton (PT-50ML)		ALGAE-ID						Ice					
Microbiology (Contract Lab Bottle)		E Coli		F Coli	X	Enterococci	x	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					
						W-DIELDRIN							
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R							
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice					

RQ-2021-05-31-50	**Collected By**: William Mullen, Monica Jaeger

Customer: FDEP	**Field Report Prepared by**: William Mullen, Monica Jaeger
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID: **WIN ID/Field ID:** G3SD0070 **Location**: ROCK CREEK @ EISENHOWER DR	**Comments**: Microbiology sample(s) submitted to contract laboratory
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
6/3/2021 1030	5.88	84.2	28.1	7.8	0.3	0.5	0.5	32114	19.96
Central Lab please use top row for login purposes									

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*		<2	1	A
		Lot #	120053		**Exp:**	10/05/2021								
Metals (P-500ML)	x	W-ICPMS	x	W-ICP		W-HARD	x	Ice	x	HNO3*	**X**	<2	1	A
		Lot #	NA0344060		**Exp:**	01/04/22								
Filtered Nutrients (P125ML)	x	W-PO4-F	x	Field Filtered 0.45 um Filter			x	Ice					1	A
		Filter Lot #	**17162587**											
		Syringe Lot #	**79931**											
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						Ice						
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)	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						
						W-DIELDRIN								
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice						

RQ-2021-05-31-50	**Collected By**: William Mullen, Monica Jaeger

Customer: FDEP	**Field Report Prepared by**: William Mullen, Monica Jaeger
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID: **WIN ID/Field ID:** G3SD0068 **Location**: MYAKKA RIVER (TIDAL) @ US 41	**Comments**: Microbiology sample(s) submitted to contract laboratory
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
6/3/2021 1105	5.25	74.4	28.2	7.77	0.3	0.5	0.5	25893	15.74
Central Lab please use top row for login purposes									

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 #	120053		**Exp:**	10/05/2021							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice	HNO3*		<2		
		Lot #			**Exp:**								
Filtered Nutrients (P125ML)	x	W-PO4-F	x	Field Filtered 0.45 um Filter			x	Ice				1	C
		Filter Lot #		**17162587**									
		Syringe Lot #		**79931**									
Chlorophyll (BP-1L)	x	CHLSUITE-W					x	Ice				1	C
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	C
Macroinvertebrates (PJ-2L)		MI-FW-QLDC						Ice					
Periphyton (PT-50ML)		ALGAE-ID						Ice					
Microbiology (Contract Lab Bottle)		E Coli		F Coli	X	Enterococci	x	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					
						W-DIELDRIN							
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-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. 4.6 °C

Checked at Benchmark EA South E85086 With Temperature Gun ID #7

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 B16970

Project Name: RQ-~~2020~~-2021-05-31-50

Project Run/Location:

Laboratory Submission #: S210602109

Station ID	Surface Water Sample Matrix[2] (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray) E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL				Laboratory Sample #
G3SD0071	F / (M) / (Grab)	E.coli / (Entero) / F.coli	Date & Time:	06/3/2021	8:55	1
G3SD0208	F / (M) / (Grab)	E.coli / (Entero) / F.coli	Date & Time:	06/3/2021	9:36	2
G3SD0195	F / (M) / (Grab)	E.coli / (Entero) / F.coli	Date & Time:	06/3/2021	10:05	3
G3SD0070	F / (M) / (Grab)	E.coli / (Entero) / F.coli	Date & Time:	06/3/2021	10:30	4
G3SD0068	F / (M) / (Grab)	E.coli / (Entero) / F.coli	Date & Time:	06/3/2021	11:05	5
	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:			

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.

Laboratory Sample Acceptability:
pH <2 : 0 BEAS Temperature:

Instructions:
1. Each bottle has a label identifying sample ID, premeasured 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.

		Date:	Time:	Received By:	Date:	Time:
1	Collector: William Mullen	06/3/2021				
2	Relinquished by: Monica Jaeger	06/3/2021	1205		6/3/21	1205
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: