

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>7/1/2021</u> Customer: <u>SO-DIST</u> RQ: <u>RQ-2021-06-28-12</u>	Collected By: <u>Nicole Reistad, Thomas Baker</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
LITTLE ALLIGATOR CREEK @ MIDWAY BLVD	 G3SD0071
Apollo Waterway EBranch	 G3SD0208
Apollo Waterway WBranch	 G3SD0195
ROCK CREEK @ EISENHOWER DR	 G3SD0070
MYAKKA RIVER (TIDAL) @ US 41	 G3SD0068

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/1/2021 1400
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2021-06-28-12	Collected By: Nicole Reistad, Thomas Baker
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Thomas Baker
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 (PPT _h)						
7/1/2021 1110	5.35	74.5	27.9	7.35	0.3	0.75	0.75	35380	22.23						
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	B		
	Lot #		SA1105060		Exp:		04/30/22								
Metals (P-500ML)	x	W-ICPMS		X	W-ICP		W-HARD	X	Ice	X	HNO3*	X	<2	1	B
	Lot #		NA0344060		Exp:		01/04/22								
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter		x	Ice				1	B		
	Filter Lot #		17162587												
	Syringe Lot #		1091364												
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	Formalin Lot #				Formalin								
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-PCL-TQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R							
Phytoplankton		DTY-QN-C			PKD-QN-BV				Ice						



RQ-2021-06-28-12	Collected By: Nicole Reistad, Thomas Baker
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G3SD0208					Comments: Microbiology sample(s) submitted to contract laboratory					
Location Location: Apollo Waterway EBranch										
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)	
7/1/2021 1150	7.27	100.4	28	7.76	0.3	0.6	0.6	23060	13.88	
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 Lot # SA1105060 Exp: 04/30/22			X Ice X H2SO4*		X <2		1	C
Metals (P-500ML)		W-ICPMS W-ICP W-HARD Lot # Exp:			Ice HNO3*		<2			
Filtered Nutrients (P125ML)		X W-PO4-F X Field Filtered 0.45 µm Filter Filter Lot # 17162587 Syringe Lot # 1091364			X Ice				1	C
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 Formalin Lot #			Formalin					
Periphyton (PT-50ML)		ALGAE-ID			Ice					
Microbiology (Contract Lab Bottle)		E Coli F Coli X Enterococci X Contract Lab			X Ice				1	C
Molecular (QPCR-P-500ML)		PCR-HF183 PCR-BacR PCR-DG3 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 W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R			Ice					
Phytoplankton		DTY-QN-C PKD-QN-BV			Ice					



RQ-2021-06-28-12	Collected By: Thomas Baker, Nicole Reistad
Customer: FDEP	Field Report Prepared by: Thomas Baker, Nicole Reistad
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G3SD0195	Comments: Microbiology sample(s) submitted to contract laboratory
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Location Location: Apollo Waterway WBranch										
Matrix: Marine						(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)	
7/1/2021 1210	5.45	78	28.1	7.52	0.3	0.5	0.5	26422	16.08	
Parameter Suite		Parameter Methods				Preservation		pH Check		# Bottles sent to Lab
Preserved Nutrients (P-500ML)		X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				X Ice X H2SO4*		X <2		1
		Lot #		SA1105060		Exp: 04/30/22				C
Metals (P-500ML)		W-ICPMS W-ICP				Ice W-HARD HNO3*		<2		
		Lot #		Exp:						
Filtered Nutrients (P125ML)		X W-PO4-F X Field Filtered 0.45 µm Filter				x Ice				1
		Filter Lot #		17162587						C
		Syringe Lot #		1091364						
Chlorophyll (BP-1L)		x CHLSUITE-W				x Ice				1
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
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
		X Contract Lab								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 W-PSNP-TQ				Ice				
		W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R								
Phytoplankton		DTY-QN-C PKD-QN-BV				Ice				



RQ-2021-06-28-12

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad, Thomas Baker

Field Report Prepared by: Nicole Reistad, Thomas Baker

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0070

Comments: Microbiology sample(s) submitted to contract laboratory

Location

Location: ROCK CREEK @ EISENHOWER DR

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)					
7/1/2021 1230	5.67	77.8	27.3	7.53	0.3	0.5	0.5	25065	15.23					
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 #		NA0344060	Exp:	01/04/22								
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter			X	Ice		1	A		
		Filter Lot #		17162587										
		Syringe Lot #		1091364										
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)	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-PCL-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R							
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice						



RQ-2021-06-28-12	Collected By: Nicole Reistad, Thomas Baker
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0068	Comments: Microbiology sample(s) submitted to contract laboratory

Location

Location: MYAKKA RIVER (TIDAL) @ US 41

Matrix: Marine						(Check One) ☒ Grab ☐ Composite			
Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth	Secchi Depth	Total Depth	Sp COND (µmhos)	Salinity (PPT)

{EST}					(m)		(m)	/cm)										
7/1/2021 1325	6.24	83.2	27.6	7.55	0.3	0.5	0.5	15858	9.23									
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	C					
		Lot #		SA1105060		Exp:		04/30/22										
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 #		1091364														
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		Formalin Lot #			Formalin										
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-PCL-TQ-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. 4.1 °C
Checked at Benchmark EA South E85086
With Temperature Gun ID #7

Client Name: FIDEP
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 H46970-NR
B95341

Project Name: RQ-2019-06-28-12
Project Run/Location: Myakka Cricks
Station ID

Enterococci
E.coli (SM9223B Quantitray)

Laboratory Submission #:

521070035

Sample Type	Surface Water Sample Matrix* (Fresh / Marine)	E.coli	Enterococci	Laboratory Sample #
G3SD0671	F / M / Grab	E.coli / Enterococci	E.coli (SM9223B Quantitray)	1
G3SD0208	F / M / Grab	E.coli / Enterococci	E.coli (SM9223B Quantitray)	2
G3SD0195	F / M / Grab	E.coli / Enterococci	E.coli (SM9223B Quantitray)	3
G3SD0070	F / M / Grab	E.coli / Enterococci	E.coli (SM9223B Quantitray)	4
G3SD0068	F / M / Grab	E.coli / Enterococci	E.coli (SM9223B Quantitray)	5

Sample Type: is used to indicate whether the sample was a grab (G) or a holding (H) and a composite (C).
Sample Matrix: is used to indicate whether the sample is being subjected to drinking water (DW), groundwater (GW), surface water (SW), fresh water (FW), salt water (SW), or sludge (SD).
Collection Date: is used to indicate the date the sample was collected.
Collection Time: is used to indicate the time the sample was collected.
Collection Location: is used to indicate the location where the sample was collected.
Collection Method: is used to indicate the method used to collect the sample.
Collection Notes: is used to indicate any additional information about the sample collection.

Laboratory Sample Acceptability:
pH < 2: 0 BEAS Temperature: 4.1 °C

1	Collected by:	Date: 07/01/21	Time: 1413	Received By:	Date: 07/11/21	Time: 1413
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: