

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 5/2/2023
Customer: SO-DIST
RQ: RQ-2023-04-24-70

Collected By: Thomas Baker, Gary Snorek
Sampling Agency: FDEP
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
HAWTHORNE CREEK AT REYNOLDS ST	 G3SD0011
FB	 FB_05022023
JOSHUA CREEK ABOVE PEACE RIVER	 G3SD0159
HOG BAY AT CR 763	 G3SD0096
JOSHUACREEKATAIRPORTAVE	 G3SD0184

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 5/2/2023 1500
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected
Date:



RQ-2023-04-24-70	Collected By: Thomas Baker, Gary Snorek
Customer: FDEP	Field Report Prepared by: Thomas Baker, Gary Snorek
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3SD0011	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: HAWTHORNE CREEK AT REYNOLDS ST

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)										
5/2/2023 1110	7.06	82.8	23.1	7.86	0.3	0.6	0.6	1208	0.6										
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 #		SA3013020		Exp:		01/25/24												
Metals (P-500ML)	x	W-ICPMS		x	W-ICP	x	W-HARD	X	Ice	X	HNO3*	X	<2	1	D				
	Lot #		NA1105110		Exp:		06/07/23												
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	D			
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	D			
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)	X	E Coli			F Coli			Enterococci							x	Ice		1	D
	X	Contract Lab																	
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		x	Ice		1	D					
		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		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		H2SO 4*		<2							
	Acid Preservative Expiration Date																		
	Acid Preservative Lot Number																		



RQ-2023-04-24-70	Collected By: Thomas Baker, Gary Snorek
Customer: FDEP	Field Report Prepared by: Thomas Baker, Gary Snorek
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: FB_05022023	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: FB

Matrix: W-FIELD-BLANK

(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 (PPT)					
5/2/2023 1130														
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	E		
		Lot #	SA3013020		Exp:	01/25/24								
Metals (P-500ML)	X	W-ICPMS	X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	E
		Lot #	NA1105110		Exp:	06/07/23								
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)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS				X	Ice			1	E			
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)	X	W-E8321-DI	X	W-E8321-MS			X	Ice		1	E			
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*		<2				
			Acid Preservative Expiration Date											
			Acid Preservative Lot Number											



RQ-2023-04-24-70	Collected By: Thomas Baker, Gary Snorek
Customer: FDEP	Field Report Prepared by: Thomas Baker, Gary Snorek
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0159	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: JOSHUA CREEK ABOVE PEACE RIVER

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 (PPT)				
5/2/2023 1147	8.34	99.9	24.3	7.92	0.2	0.4	0.4	1088	0.54				
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*				
	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-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)	X	E Coli	F Coli		Enterococci		x Ice				1	C	
	X	Contract Lab											
Molecular (QPCR-P-500ML)	X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	x Ice		1	C			
		PCR-GULL2	PCR-GFD										
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS			Ice							
Pesticides (BG-500ML) (BG-1L)	X	W-E8321-DI	X	W-E8321-MS		W-PSNP-TQ		x Ice		MCAA Exp.	MCAA Lot#	5	C
	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							
DOC	W-DOC		Field Filtered 0.45 µm Filter			Ice		H2SO4*		<2			
			Acid Preservative Expiration Date										
			Acid Preservative Lot Number										



RQ-2023-04-24-70	Collected By: Thomas Baker, Gary Snorek
Customer: FDEP	Field Report Prepared by: Thomas Baker, Gary Snorek
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3SD0096	Comments:

Location: HOG BAY AT CR 763

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 (PPT)	
5/2/2023 1220	7.01	86.8	26.2	7.74	0.1	0.2	0.2	877	0.43	
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-CHC / 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)	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	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*		<2			
		Acid Preservative Expiration Date								
		Acid Preservative Lot Number								

WIN ID/Field ID:  WIN ID/Field ID: G3SD0184	Comments: Microbiology sample(s) submitted to contract laboratory.
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Matrix: Fresh

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 (PPT _h)
5/2/2023 1240	9.19	110.3	24.4	7.87	0.3	0.6	0.6	903	0.44

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	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 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-Cl-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)	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																		
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					H2SO 4*			<2						
				Acid Preservative Expiration Date																	
				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. 41.6 °C
Checked at Benchmark EA South E85086
With Temperature Gun ID #7

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: (239) 344-5718
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab C00EF5

Project Name: RQ- 2023-04-²⁴~~23~~-70
Project Run/Location: Station Arcadia

Laboratory Submission #:

523050056

Project Run/Location: <u>Station H- Casita</u>		Surface Water Sample Matrix? (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray)		Laboratory Sample #
Station ID			E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL		
	<u>G3500011</u>	<u>(F) M / Grab</u>	<u>E. coli / Entero / Fecal coliform</u>	Date & Time: <u>05/02/23 1710</u>	<u>1</u>
	<u>G3500159</u>	<u>(F) M / Grab</u>	<u>E. coli / Entero / Fecal coliform</u>	Date & Time: <u>05/02/23 1147</u>	<u>2</u>
	<u>G350th0184</u>	<u>(F) M / Grab</u>	<u>E. coli / Entero / Fecal coliform</u>	Date & Time: <u>05/02/23 1240</u>	<u>3</u>
		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:	
		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, 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 rinsed 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: 41.6 °C

1	Collector: <u>Gary Snarek</u>	Date: <u>05/02/23</u>	Time: <u>1332</u>	Received By: <u>Melinda Merchant</u>	Date: <u>5/3/23</u>	Time: <u>1332</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: