

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 10/11/2021
Customer: SO-DIST
RQ: RQ-2021-10-11-50
Collected By: Nicole Reistad, William Mullen
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: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
ArbuckleCreekNearBranch	 G4SD0210
Arbuckle Branch	 G4SD0172

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/11/2021
1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2021-10-11-50	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4SD0210	Comments: Microbiology sample(s) submitted to contract laboratory

Location:
Location: ArbuckleCreekNearBranch

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						
10/11/2021 1040	1.9	23.6	25.9	5.82	0.3	0.5	1.6	95.6	0.04						
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)		W-ICPMS			W-ICP		W-HARD		Ice		HNO3*		<2		
	Lot #				Exp:										
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)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS				x	Ice		1			A			
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	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						
		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-2021-10-11-50	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4SD0172	Comments: Microbiology sample(s) submitted to contract laboratory

Location:**Location:** Arbuckle Branch

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)
10/11/2021 1150	4.58	56.8	26.3	5.68	0.3	0.2	0.8	60	0.03

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 #								
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-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						
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. 21.6 °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 446970-
B 953341

Project Name: RQ-2020-
Station ID
Project Rm/Location: SMR: Up these

Laboratory Submission #:

521100319

Station ID

Surface Water
Sample Matrix
(Fresh / Marine)

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

Sample Type

E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL

<u>6450021D</u>	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time: <u>10/11/2021</u>	<u>10410</u>	<u>1</u>
<u>64500192</u>	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time: <u>10/11/2021</u>	<u>1050</u>	<u>2</u>
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	Date & Time:		
	<u>F / M / Grab</u>	<u>E.coli</u> / Entero / F.coli	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 dispensed to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), salt 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 (43°F). Under "Temperature" list any preservatives that were added to the sample container.
1. Each bottle has a label identifying sample ID, preservative, and container type. The bottle, sample type, client ID, and preservatives for analysis.
2. The following information should be added to each bottle label after collection with preservative check box, date and time of collection, sample's name or initials, and any field number or ID.
3. All bottles not containing preservative may be mixed with appropriate sample prior to collection.
4. The client is responsible for determination of the sampling error. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:
pH < 2.0. BEAS Temperature: 21.6

1	Collector: <u>Dale Peistad</u>	Date: <u>10/11/21</u>	Time:	Received By: <u>Melinda Muehler</u>	Date: <u>10/11/21</u>	Time: <u>1408</u>
2	Relinquished by: <u>William Mullen</u>	Date: <u>10/11/21</u>	Time: <u>1408</u>	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: