

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>3/11/2021</u> Customer: <u>SO-DIST</u> RQ: <u>RQ-2021-03-08-24</u>	Collected By: <u>Nicole Reistad,</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: 1

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

Site Location	Field ID/WIN ID
N Arbuckle above Morgan	 G4SD0195
S Arbuckle above Morgan	 G4SD0196
Arbuckle Branch	 G4SD0172
ArbuckleCreekNearBranch	 G4SD0210
Arbuckle Branch near RR	 G4SD0197

RELINQUISHED BY(SIGNATURE):



DATE/TIME:

03/11/2021 1645

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected Date:



RQ-2021-03-08-24	Collected By: Nicole Reistad,
Customer: FDEP	Field Report Prepared by: Nicole Reistad,
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0195

Comments: Microbiology sample(s) submitted to contract laboratory

Location: N Arbuckle above Morgan

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
3/11/2021 1025	8.61	92	18.5	7.02	0.3	0.5	0.7	165.9	0.08

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)	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 #													
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					Ice								
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)	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-2021-03-08-24

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad, William Mullen

Field Report Prepared by: Nicole Reistad,

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0196

Comments: Microbiology sample(s) submitted to contract laboratory

Location: S Arbuckle above Morgan

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)		
3/11/2021 1120	8.28	88.9	18.7	6.86	0.3	0.5	0.9	167.5	0.08		
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)		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 #									
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				Ice					
Periphyton (PT-50ML)		ALGAE-ID				Ice					
Microbiology (Contract Lab Bottle)		X E Coli		F Coli		Enterococci					x Ice
		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-2021-03-08-24

Collected By: Nicole Reistad, William Mullen



Customer: FDEP

Field Report Prepared by: Nicole Reistad,

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0172

Comments: Microbiology sample(s) submitted to contract laboratory

Location: Arbuckle Branch

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3/11/2021 1220	10.05	118.4	23.4	5.89	0.1	0.2	0.2	229.8	0.11
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)	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 #								
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					Ice			
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-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-DIELDRIN				
Phytoplankton	W-CT-CL-R					Ice			
	DTY-QN-C		PKD-QN-BV						

RQ-2021-03-08-24

Collected By: Nicole Reistad, William Mullen



Customer: FDEP

Project ID: SMP

Field Report Prepared by: Nicole Reistad,

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0210

Comments: Microbiology sample(s) submitted to contract laboratory

Location: ArbuckleCreekNearBranch

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)						
3/11/2021 1345	8.83	100.1	21.5	6.83	0.25	0.4	0.5	164.6	0.08						
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 #		SA0353110		Exp:									
Metals (P-500ML)			W-ICPMS			W-ICP			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 #													
Chlorophyll (BP-1L)			CHLSUITE-W					Ice							
Physical/Aggregate (Fresh) (P-1L)		X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS				X	Ice							
Physical/Aggregate (Marine) (P-1L)			Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY					Ice							
Macroinvertebrates (PJ-2L)			MI-FW-QLDC					Ice							
Periphyton (PT-50ML)			ALGAE-ID					Ice							
Microbiology (Contract Lab Bottle)		X	E Coli			F Coli							Enterococci	X	Ice
		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-2021-03-08-24

Collected By: Nicole Reistad, William Mullen



Customer: FDEP

Project ID: SMP

Field Report Prepared by: Nicole Reistad,

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0197

Comments: Microbiology sample(s) submitted to contract laboratory

Location: Arbuckle Branch near RR

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)	
3/11/2021 1400	6.04	67.3	20.6	6.74	0.25	0.35	0.5	223.3	0.11	
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)	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 #									
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					Ice				
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)	X	W-E8321-DI	X	W-E8321-MS	x	Ice		1	B	
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI	W-E8321-MS	W-PSNP-TQ	Ice						
	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)	W-DIELDRIN							
Phytoplankton	DTY-QN-C	PKD-QN-BV				Ice				