

Login Checklist

RQ- 2021 - 03 - 08 - 24

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/12/2021 / 10:20

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.8c				4		x			9293 8010 6548

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes x No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No x

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA x

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes x No _____

Caps on tight?

Yes x No _____

Sufficient Sample Volume:

Yes x No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes x No _____ Init: ABS/

Chlorine detected? (One container checked per Field ID)

Yes _____ No x Init: ABS/

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH< 2.0?

Yes x No _____ NA _____ Init: ABS/

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes _____ No _____ NA x Init: ABS/

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: ABS/

Date: 03-12-2021

Event contains NCRs (Y/N)? N

Event ID:

SO-DIST - 2021 - 03 - 12 - 0

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0 – 6	213316 BV EXP:05/15/21
pH Paper 0 – 3	N/A
pH Paper 0 – 13	231019 EXP:11/01/2021
Chlorine Test Strips	0261 2023 / 05

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: ABS

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

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

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: A.SHAIK

Rec'd/Inspected Date: 03-12-2021



RQ-2021-03-08-24

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad,

Field Report Prepared by: Nicole Reistad,

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. °C	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
	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: 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. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
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 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-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-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: 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-CI-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-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

RQ-2021-03-08-24



Customer: FDEP

Field Report Prepared by: Nicole Reistad,

Project ID: SMP

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. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
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			W-HARD			Ice		HNO3*		<2		
	Lot #				Exp:											
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter			X	Ice							
	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		1A					
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		1A				
	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 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-CH-C / 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-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				

Date of Request: 15-FEB-2021
 Created By: HORMUTH_C On: 15-FEB-2021
 Modified By: JASROTIA_P On: 19-FEB-2021
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2021 SMP : Way Up There

Send Coolers To:

Phone: 239-344-5718
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Chris Hormuth
 Cooler Ship EMail: Chris.Hormuth@FloridaDEP.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 19-FEB-2021
 Biology Request Reviewed By: JASROTIA_P On: 19-FEB-2021
 Sampling Kit Required: YES Ship on: 26-FEB-2021
 Sampling Kit Shipped: YES On: 22-FEB-2021
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 08-MAR-2021
 Logged In By: SHAIK_A On: 12-MAR-2021

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Chris Hormuth
 Report Notification EMail:
 Nicole.Reistad@FloridaDEP.gov; Kirby.Wolfe@dep.state.fl.us; Gary.Snorek@dep.state.fl.us; Chris.Hormuth@FloridaDEP.gov

Comments: Group A: (Arbuckle Creek): Nutrients, E. coli
 Group B: (Arbuckle, Morgan) E. coli, Tracers
 Group C: (Arbuckle above Morgan) E. coli

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SD-BES-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
SD-BES-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port
Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group B (Water) With 2 Samples:

Bottle Type: BG-500ML Number of Bottles: 2 Preserved With: ICE
W-E8321-MS Template: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 2 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE
SD-BES-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.