

RQ- 2023-02-20-13

Login Checklist

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/21/23 @ 9:20

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
3.2				11		X			585447333278

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 X No _____

CONTAINER CHECK

Evidence Tape on Bottles? Yes _____ No _____ NA X Evidence Tape intact? Yes _____ No _____If Criminal, photographs taken? Yes _____ No X 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: C.P

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: C.P

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: C.PW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No _____ NA X Init: C.P

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

Coolers Unpacked/Checked by: C.P Date: 2/21/23 Event contains NCRs(Y/N)? NEvent ID: NE-DIST-2023-02-22-02 (SMP)
Date Received: 22-FEB-2023 09:20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	221426058 10/17/23
pH Test Strips 0 – 6	223819AV 08/30/23
pH Paper 0 – 3	NA
pH Paper 0 – 13	210620 4/15/2023
Chlorine Test Strips	0070 02/2023

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 2/21/2023
Customer: NE-DIST
RQ: RQ-2023-02-20-13
Collected By: Jeremy Parrish, Niki Barham
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
Black CR South Fork @ CR218	 20030244
Swimming Pen Creek at Eagles Creek Dr.	 G2NE1188
LITTLE BLACK CREEK AT SR 220	 20030667

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/21/2023
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: 

Rec'd/Inspected
Date: 2-22-23



RQ-2023-02-20-13	Collected By: Jeremy Parrish, Niki Barham
Customer: FDEP	Field Report Prepared by: Jeremy Parrish, Niki Barham
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: 20030244

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Black CR South Fork @ CR218

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)
2/21/2023 1230	8.18	84.2	16.7	6.52	0.3	0.7	3.4	68	0.03
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 #	Sa229010	Exp:	08/3/23				
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)	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-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)	X	PCR-HF183	PCR-BacR	PCR-DG3	X Ice			1	A
		PCR-GULL2	PCR-GFD						
Tracers (BG-500ML)	X	W-E8321-DI	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						



RQ-2023-02-20-13	Collected By: Jeremy Parrish, Niki Barham
Customer: FDEP	Field Report Prepared by: Jeremy Parrish, Niki Barham
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2NE1188	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Swimming Pen Creek at Eagles Creek Dr.

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)
2/21/2023 1335	5.8	65.7	21.6	6.7	0.1	0.2	0.2	241	0.11
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:			<2	
Filtered Nutrients (P125ML)		W-PO4-F			Field Filtered 0.45 µm Filter				
		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 #				
Periphyton (PT-50ML)		ALGAE-ID			Ice				
Microbiology (Contract Lab Bottle)		X	E Coli		F Coli		Enterococci	X	Ice
		X	Contract Lab					X	Ice
Molecular (QPCR-P-500ML)		X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	X	Ice
			PCR-GULL2		PCR-GFD				Ice
Tracers (BG-500ML)		X	W-E8321-DI	X	W-E8321-MS			X	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		
			W-TR-SQ-R		W-PCB-TQ-R				
Phytoplankton			DTY-QN-C		PKD-QN-BV				
DOC			W-DOC		Field Filtered 0.45 µm Filter		Ice	H2SO4*	
					Acid Preservative Expiration Date				<2
					Acid Preservative Lot Number				



RQ-2023-02-20-13	Collected By: Jeremy Parrish, Niki Barham
Customer: FDEP	Field Report Prepared by: Jeremy Parrish, Niki Barham
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: 20030667	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: LITTLE BLACK CREEK AT SR 220

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)
2/21/2023 1315	5.42	57.4	17.8	6.66	0.3	0.5	0.77	223	0.11

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)	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			
	W-E8321-DI	W-E8321-MS	W-PSNP-TQ		MCAA Exp.	MCAA Lot#
Pesticides (BG-500ML) (BG-1L)	X W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)	X W-CT-CL-R	X	Ice	4 B
	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				



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:
(Lab Use Only)

3653 Regent Boulevard Suite # 509
Jacksonville, FL 32224
P. (904) 807-9625 E. info@deliab.com
F. (904) 807-9627

Page 1 of 1

Company Name		Florida Department of Environmental Protection				Container Information (Qty, Size, & Type)			Sample Matrix Codes:	
Address		8800 Baymeadows Way West				250 mL			A. Air P. Petroleum	
City		Jacksonville				250 mL			B. Bulk S. Soil/Sludge	
State		FL				250 mL			W. Wipe O. Other	
Zip		32256							PW. Potable Water	
Attn		Dep.OverflowMicro@dep.state.fl.us							NPW. Non-Potable Water	
Tel		E-mail or Fax							Sample Kit or Container Lot #	
Project Name		2023-02-20-13							Preservation Codes:	
Project Number									0 None 5 Na2S2O3	
Project Location		S112 South West							1. H2SO4 6. Crushed Ice (4C),	
Sampler Name/Signature		[Signature]							2. HNO3 7. C6H8O6	
Sample # (Lab Use Only)		Sample Identification		Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	3. HCl 8. NH4Cl
1		20030244	2-21-23	1230	NPW	66		✓	✓	4. NaOH 9. Other (List)
2		20030667	2-21-23	1315	NPW	223		✓	✓	Thermal Preservation:
3		G2NE 1188	2-21-23	1335	NPW	241		✓	✓	In Crushed Ice? Yes / No
4										Cooler Temp: 0.8 °C
5										Sample Cont. Temp: 2.5 °C
6										Turnaround Requested:
7										X. Standard (10 Business Days)
8										Semi-Rush (3-5 Business Days)
9										Rush (1-2 Business Days)
0										Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.
Special Instructions:									Billing Information:	
									Invoice with Report	
									Invoice to Accounting	
									Req #:	
									P.O. #:	
Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time		
1-5		[Signature]		2/21/23 1415		[Signature]		02/21/23 1416		

Certification ME821059

Lab General Form 059, Rev #1, Rev. Date: 02/07/22, Effective Date: 02/07/22

Visit us online & order kits at: www.delialab.com

Date of Request: 10-JAN-2023
 Created By: PARRISH_J On: 10-JAN-2023
 Modified By: JASROTIA_P On: 31-JAN-2023
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: LSJR South West 2023

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 31-JAN-2023
 Biology Request Reviewed By: JASROTIA_P On: 31-JAN-2023
 Sampling Kit Required: YES Ship on: 10-FEB-2023
 Sampling Kit Shipped: YES On: 06-FEB-2023
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 20-FEB-2023
 Logged In By:

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A: (Surf.Fresh) Nutrient, Bacteria, Marker, Tracer
 (20030244)
 Group B:(Surf.Fresh) Bacteria, CTCLR, PCL, PCB
 (20030667)
 Group C:(Surf.Fresh)-Bacteria, Marker Tracer
 (G2NE1188)

NE-DIV-ECQ
 Packing Notes:

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	(DEP SOP: NU-094-1) 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-2015) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville
Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction

Bottle Group A (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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 Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville
Bottle Type: BG-500ML FILL TO	Number of Bottles: 4	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group C (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville

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