

Login Checklist

RQ- 2022-08-29-23

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 08/30/22 @ 9:34

*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	
1.9				9		X			5859. 4728 1830
1.6				5		X			5859. 4728. 1829.

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 ✓ 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 ✓ No _____

Caps on tight?

Yes ✓ No _____

Sufficient Sample Volume:

Yes ✓ 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 ✓ No _____ Init: R

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: R

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 ✓ No _____ NA _____ Init: R

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

Yes _____ No _____ NA X Init: R

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

Coolers Unpacked/Checked by: RP

Date: 08/30/22

Event contains NCRs (Y/N)? N

Event ID: 2022 SMP: DeSoto Cricks
SO-DIST-2022-08-30-01 (SMP)

-Date Received: 30-AUG-2022 09:29

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/19/2022
pH Test Strips 0 – 6	223819AV EXP:08/30/2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	207621 EXP:03/15/2024
Chlorine Test Strips	0070 EXP: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# _____

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: 8/29/2022
Customer: SO-DIST
RQ: RQ-2022-08-29-23

Collected By: Nicole Reistad, 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
BRANDY BRANCH @ SR 70	 G3SD0083
BrandyBranch@NWLilyCoRd	 G3SD0201

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/29/2022
1300 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: 

Rec'd/Inspected
Date: 8-30-2022



RQ-2022-08-29-23

Collected By: Nicole Reistad, Gary Snorek

Customer: FDEP

Field Report Prepared by: Nicole Reistad, Gary Snorek

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0083

Comments: Microbiology sample(s) submitted to contract laboratory. Only 3 1L bottles sent for W-PSNP-TQ/W-TR-SQ-R (1 bottle dropped in stream).

Location:

Location: BRANDY BRANCH @ SR 70

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 (PPT _h)								
8/29/2022 935	5.08	63.4	26.6	6.26	0.3	0.4	1.8	427.1	0.2								
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 #		SA2145160		Exp:		06/02/23									
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice	HNO3*		<2						
		Lot #			Exp:												
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 um 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-CH-C / 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)		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)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ	X	Ice	MCAA Exp.	MCAA Lot#	9	A				
	X	W-PCL-TQ-R	X	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R			02/04/23	128343						
	X	W-TR-SQ-R		X	W-PCB-TQ-R												
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice									



RQ-2022-08-29-23	Collected By: Nicole Reistad, Gary Snorek
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Gary Snorek
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0201	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:

Location: BrandyBranch@NWLilyCoRd

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 (PPT)
8/29/2022 1020	1.69	20.5	25.1	4.55	0.3	0.2	1.1	231.2	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 Lot # _____ Exp: _____	Ice H2SO4*	<2		
Metals (P-500ML)	W-ICPMS W-ICP W-HARD Lot # _____ Exp: _____	Ice HNO3*	<2		
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 µm Filter Filter Lot # _____ Syringe Lot # _____	Ice			
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 Contract Lab	x Ice		1	B
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	W-E8321-DI W-E8321-MS	Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ 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	x Ice MCAA Exp. MCAA Lot#		2	B
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
 2021-08-29-23
 Project Name: RQ-2020-
 Project Run/Location: Desoto Grids
 BEAS Sample Receipt Temp. 3.8 °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) 445-8085
 Email: dep-overflowmicro@dep.state.fl.us
 Bill to: Frances Moore
 P.O. #: Lab B16970
 095347
 COOEF5

Laboratory Submission #: 522080865
 Laboratory Sample #

Station ID	Surface Water, Sample Matrix, (Fresh / Marine)	Sample Type	Enterococci			Laboratory Sample #
			E.coli (SM9223B Quantitray)			
G3SD0083 G3SD0080 G3SD0201	F / M / Grab	E.coli / Enterococci	Date & Time: 0935	Fecal Coliform = 120 mL	1	
	F / M / Grab	E.coli / Enterococci	Date & Time: 1020		2	
	F / M / Grab	E.coli / Enterococci	Date & Time:			
	F / M / Grab	E.coli / Enterococci	Date & Time:			
	F / M / Grab	E.coli / Enterococci	Date & Time:			
	F / M / Grab	E.coli / Enterococci	Date & Time:			
	F / M / Grab	E.coli / Enterococci	Date & Time:			
	F / M / Grab	E.coli / Enterococci	Date & Time:			
	F / M / Grab	E.coli / Enterococci	Date & Time:			
	F / M / Grab	E.coli / Enterococci	Date & Time:			

Laboratory Sample Acceptability:
 pH < 2.0 BEAS Temperature: 3.8C

1	Collector: Gary Sear	Date: 8/29/22	Time: 11:27	Received By: Melinda Merchant	Date: 8/29/22	Time: 11:27
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:

"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), salt surface water (SSW), or sludge (SLDG).
 "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
 "Sample Type" is used to indicate whether the sample is for Enterococci, E. coli, or Fecal Coliform.
 The maximum temperature during storage should be 4°C (40°F). Under "Preservative" list any preservatives that were added to the sample container.
 Each bottle has a label identifying sample ID, preservative used, date and time of collection, sample type, client ID, and parameters for analysis.
 Each bottle has a label identifying sample ID, preservative used, date and time of collection, sample type, client ID, and parameters for analysis.
 All bottles containing preservative may be used with appropriate sample prior to collection.
 The client is responsible for documentation of the sampling event. Please note special sampling events on this sample custody form.

Date of Request: 08-AUG-2022
 Created By: MULLEN_W On: 08-AUG-2022
 Modified By: JASROTIA_P On: 10-AUG-2022
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2022 SMP: DeSoto Cricks

Send Coolers To:

Phone: 239-344-5716
 FLDEP South District Office
 2295 Victoria Ave. Suite 128
 Fort Myers, FL 33901-3381
 Attn: William Mullen
 Cooler Ship EMail: William.Mullen@FloridaDEP.gov

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 10-AUG-2022
 Biology Request Reviewed By: JASROTIA_P On: 10-AUG-2022
 Sampling Kit Required: YES Ship on: 19-AUG-2022
 Sampling Kit Shipped: YES On: 15-AUG-2022
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 29-AUG-2022
 Logged In By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 314
 Fort Myers, FL 33901-3381
 Attn: William Mullen
 Report Notification EMail:
 Nicole.Reistad@FloridaDEP.gov; Kirby.Wolfe@dep.state.fl.us; William.Mullen@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov; Thomas.J.Baker@FloridaDEP.gov

Comments: Group A: (G3SD0083) Freshwater Nutrients, E.coli, Pesticides
 Group B: (G3SD0201) E. Coli, W-CT-CI-R, W-PCL-TQ-R, W-PCB-TQ-R

#####

Buffer Solution for W-CARB-AA Bottle Needed

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W-TR-SQ-R (sunscreen)

Wash your hands thoroughly and wear gloves. Refrain from using sunscreens on the day of sample collection.

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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-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: 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
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: 1	Preserved With: CH ₂ CICOOH and Ice
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

Bottle Group A (Water) With 1 Samples:

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:	(EPA 8270E)	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
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 Type: BG-1L		Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E)	Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
W-TR-SQ-R	Template:	(EPA 8270E)	Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-500ML FILL TO		Number of Bottles: 2	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:	(EPA 8270E)	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
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

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