

Login Checklist

RQ- 2023-01-16-18

Login Station ID: 5

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 1/18/23 @ 9:15

*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	
1-3				8		X			585947820882

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 _____ No _____ NA X Init: C-P

**W-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: 1/18/23 Event contains NCRs (Y/N)? N

SO-DIST-2023-01-18-01 (SMP)
Event ID: Date Received: 18-JAN-2023 09:15

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: 1/17/2023
Customer: SO-DIST
RQ: RQ-2023-01-16-18

Collected By: Monica Jaeger, 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
MATHENY CREEK @ BENEVA RD	 G3SD0092
NORTH CREEK (TIDAL) @ US 41	 G3SD0089
North Creek by Oaks Creek Ct.	 G3SD0064
South Creek near Legacy	 G3SD0183

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/17/2023
1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: 

Rec'd/Inspected
Date: 1-18-23



RQ-2023-01-16-18

Collected By: Monica Jaeger, William Mullen

Customer: FDEP

Field Report Prepared by: Monica Jaeger, William Mullen

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SD0092

Comments:

Location: MATHENY CREEK @ BENEVA RD

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)
1/17/2023 900	5.62	52.5	12	6.98	0.2	0.4	0.4	915	0.45

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-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)	E Coli	F Coli	Enterococci	Ice				
	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	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		
		Add Preservative Expiration Date						
		Add Preservative Lot Number						



RQ-2023-01-16-18	Collected By: Monica Jaeger, William Mullen
Customer: FDEP	Field Report Prepared by: Monica Jaeger, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0089	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: NORTH CREEK (TIDAL) @ US 41

Matrix: Marine

(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)			
1/17/2023 920	3.88	44.3	18	7.47	0.3	0.2	0.7	21500	12.94			
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	<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)		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)		E Coli			F Coli		X	Enterococci	1			
		Contract Lab			x		Ice					
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			
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI			W-E8321-MS		W-PSNP-TQ	Ice	MCAA Exp.			
		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	<2				
DOC		W-DOC			Field Filtered 0.45 um Filter		Ice					
					Acid Preservative Expiration Date							
					Acid Preservative Lot Number							



RQ-2023-01-16-18	Collected By: Monica Jaeger, William Mullen
Customer: FDEP	Field Report Prepared by: Monica Jaeger, William Mullen
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G3SD0064

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

Location: North Creek by Oaks Creek Ct.

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)				
1/17/2023 940	6.12	59.4	13.8	7.45	0.1	0.2	0.2	1503	0.76				
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 #										
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	Ice	1	C
	X	Contract Lab											
Molecular (QPCR-P-500ML)	X	PCR-HF183	X	PCR-BacR	X	PCR-DG3				x	Ice	1	C
		PCR-GULL2		PCR-GFD									
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS			x	Ice	1	C			
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 um Filter		Ice	H2SO 4*	<2					
	Acid Preservative Expiration Date												
	Acid Preservative Lot Number												



RQ-2023-01-16-18	Collected By: Monica Jaeger, William Mullen
Customer: FDEP	Field Report Prepared by: Monica Jaeger, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3SD0183	Comments:

Location: South Creek near Legacy

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)
1/17/2023 1010	7.06	70.7	15.3	7.46	0.15	0.3	0.3	1102	0.55
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-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)		E Coli F Coli Enterococci			Ice				
		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		MCAA Exp.	MCAA Lot#	4 D
		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							
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							

1001 Corporate Ave. Suite 102
North Port FL 34280

BEAS Sample Receipt Temp. 71.8 °C

Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab C00EF5

Project Run/Location: SMP; Sassa to

Laboratory Submission # _____

583010359

Station ID		Surface Water Sample Matrix* (Fresh / Marine)		Enterococci E.coli (SM9223B Quantitray)		Laboratory Sample #	
Sample Type		Sample Type		E.coli = 250 mL ; Enteroc = 120 mL ; Fecal Coliform = 120 mL			
63SD0089	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time: 01/17/23	0920	1	
63SD0064	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time: 01/17/23	0940	2	
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			
	F / M / Grab	E. coli / Enteroc	Fecal coliform	Date & Time:			

Laboratory Sample Acceptability:
 pH < 2 : 0 BEAS Temperature: 4.8°C

Date of Request: 28-DEC-2022
 Created By: MULLEN_W On: 28-DEC-2022
 Modified By: JASROTIA_P On: 03-JAN-2023
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2023 SMP: SARASOTA

Send Coolers To:

Phone: 239-344-5716
 FLDEP South District Office
 2295 Victoria Ave. Suite 314
 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: 28-DEC-2022
 Biology Request Reviewed By: JASROTIA_P On: 03-JAN-2023
 Sampling Kit Required: YES Ship on: 06-JAN-2023
 Sampling Kit Shipped: YES On: 05-JAN-2023
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 16-JAN-2023
 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; John.Barrington@FloridaDEP.gov;
 William.Mullen@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov

Comments: Group A: (Matheny Creek) Tracers
 Group B: (North Creek TIDAL) Enter, Tracers
 Group C: (North Creek by Oaks) E. coli, PCR, Tracers
 Group D: (South Creek) W-CT-CI-R/W-PCL-TQ-R/W-PCB-TQ-R

2 cases of H2SO4

Bottle Group A (Water) With 1 Samples:

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 Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SD-BES-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port
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 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: 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: 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 Group D (Water) With 1 Samples:

Bottle Type: BG-500ML FILL TO	Number of Bottles: 4	Preserved With: ICE
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Bottle Group D (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

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