

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 11/29/2022 **Collected By:** Andrew Luering, Jordan Skaggs
Customer: _____ **Sampling Agency:** FDEP
RQ: RQ-2022-10-03-30 **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: 3 **Delivery Method:** FedEx

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

Site Location	Field ID/WIN ID
Bessey Creek @ Mouth	 G2SE0048
North Fork St. Lucie @ Harbor Inn	 G2SE0066
South Fork St. Lucie West of Matchett Point	 G2SE0068
South Fork SLR @ Leighton Park	 G2SE0013
South Fork St. Lucie North of Pipers Landing	 G2SE0067

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 11/29/2022
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-10-03-30	Collected By: Jordan Skaggs, Andrew Luering
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G2SE0048	Comments:
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Location: Bessey Creek @ Mouth

Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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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)									
11/29/2022 940	3.21	37.6	23.5	6.78	0.3	0.3	2.4	915	0.45									
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	D					
	Lot #		SA2229010		Exp:	08/30/2023												
Metals (P-500ML)		W-ICPMS			W-ICP		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	D			
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)	X	Alkalinity / W-F / W-TSS / TURBIDITY				X	Ice							1	D			
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	X						Ice		1	D	
	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		X	W-PSNP-TQ		X	Ice	MCAA Exp.	MCAA Lot#	2	D				
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)			W-CT-CL-R											
	X	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-2022-10-03-30	Collected By: Andrew Luering, Jordan Skaggs
Customer: FDEP	Field Report Prepared by: Andrew Luering, Jordan Skaggs
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0066	Comments:

Location: North Fork St. Lucie @ Harbor Inn

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)							
11/29/2022 1020	5.49	66.3	24.1	7.22	0.3	0.3	3.31	5646	3.05							
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)	x	W-ICPMS	x	W-ICP	W-HARD	x	Ice	x	HNO3*	X	<2	1	E			
	Lot #		NA1286110		Exp:		11/16/2023									
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)	E Coli		F Coli		X	Enterococci	x	Ice	1					E		
	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		X	W-PSNP-TQ	x	Ice	MCAA Exp.					MCAA Lot#	2	E
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R											
	x	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-2022-10-03-30	Collected By: Jordan Skaggs, Andrew Luering
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0068	Comments:

Location: South Fork St. Lucie West of Matchett Point

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)							
11/29/2022 1045	5.25	63.8	24.7	7.12	0.3	0.4	1.85	4003	2.11							
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)	x	W-ICPMS	x	W-ICP	W-HARD	x	Ice	x	HNO3*	X	<2	1	B			
	Lot #		NA1286110		Exp:		11/16/2022									
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)	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		x	W-PSNP-TQ	x	Ice	MCAA Exp.					MCAA Lot#	4	B
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R											
	x	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-2022-10-03-30	Collected By: Jordan Skaggs, Andrew Luering
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G2SE0013	Comments:
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Location: South Fork SLR @ Leighton Park

Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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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)				
11/29/2022 1130	5.23	63.1	24.7	7.1	0.3	0.5	2	1924	0.98				
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)	x	W-ICPMS	x	W-ICP	W-HARD	x	Ice	x	HNO3*	X	<2	1	A
	Lot #		NA1286110		Exp:		11/16/2023						
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)	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#				
	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-2022-10-03-30	Collected By: Andrew Luering, Jordan Skaggs
Customer: FDEP	Field Report Prepared by: Andrew Luering, Jordan Skaggs
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0067	Comments:

Location: South Fork St. Lucie North of Pipers Landing

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)				
11/29/2022 1105	5.38	65	24.8	7.15	0.3	0.7	1.46	534	0.26				
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)	x	W-ICPMS	x	W-ICP	W-HARD	x	Ice	x	HNO3*	X	<2	1	C
	Lot #		NA1286110		Exp:		11/16/2022						
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)	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	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 µm Filter		Ice		H2SO4*		<2				
			Acid Preservative Expiration Date										
			Acid Preservative Lot Number										