

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>7/29/2021</u> Customer: <u>WQAP</u> RQ: <u>RQ-2021-07-26-77</u>	Collected By: <u>Jordan Skaggs, Drew Liddick</u> Sampling Agency: <u>FDEP</u> Project ID: <u>SMP</u>
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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
South Fork SLR @ Leighton Park	 G2SE0013
North Fork Saint Lucie near Floridian GC	 G2SE0062
South Fork Saint Lucie near Veterans Memorial Bridge	 G2SE0060
Bessey Creek @ Mouth	 G2SE0048
Upper North Saint Lucie Estuary	 G2SE0061

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/29/2021
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2021-07-26-77	Collected By: Jordan Skaggs, Drew Liddick
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Drew Liddick
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0013	Comments:

Location:**Location:** South Fork SLR @ Leighton Park

Matrix: Marine

(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)								
7/29/2021 1210	4.63	65.3	30.5	7.54	0.3	0.5	2.1	17304	10.11								
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*				
		Lot #			NA0344060		Exp:		010422			X	<2	1	3m metals, entero		
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		Formalin Lot #		Formalin											
Periphyton (PT-50ML)		ALGAE-ID				Ice											
Microbiology (Contract Lab Bottle)		E Coli		F Coli		X	Enterococci		x					Ice		1	3m metals, entero
		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-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R											
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice									



RQ-2021-07-26-77	Collected By: Jordan Skaggs, Drew Liddick
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Drew Liddick
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0062	Comments:

Location:**Location:** North Fork Saint Lucie near Floridian GC

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)
7/29/2021 1215	4.7	66.2	30.4	7.57	0.3	0.6	1.7	17529	10.26

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*			
	Lot #		Exp:					<2			
Metals (P-500ML)	x	W-ICPMS	x	W-ICP		W-HARD	x	Ice	x	HNO3*	
	Lot #		NA0344060		Exp:		010422		X	<2	1
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-CHC / 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	Formalin Lot #				Formalin					
Periphyton (PT-50ML)	ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)	E Coli		F Coli		X	Enterococci	x		Ice	1	B
	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-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R					
Phytoplankton	DTY-QN-C		PKD-QN-BV				Ice				



RQ-2021-07-26-77	Collected By: Jordan Skaggs, Drew Liddick
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Drew Liddick
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0060	Comments:

Location:**Location:** South Fork Saint Lucie near Veterans Memorial Bridge

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)
7/29/2021 1230	3.94	54.4	30.6	7.28	0.3	0.6	2.3	10459	5.86

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*			
	Lot #		Exp:					<2			
Metals (P-500ML)	x	W-ICPMS	x	W-ICP		W-HARD	x	Ice	x	HNO3*	
	Lot #		NA0344060		Exp:		010422		X	<2	1
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-CHC / 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	Formalin Lot #				Formalin					
Periphyton (PT-50ML)	ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)	E Coli		F Coli		X	Enterococci	x		Ice	1	B
	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-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R					
Phytoplankton	DTY-QN-C		PKD-QN-BV				Ice				



RQ-2021-07-26-77	Collected By: Jordan Skaggs, Drew Liddick
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Drew Liddick
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0048	Comments:

Location:**Location:** Bessey Creek @ Mouth

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)
7/29/2021 1245	4.29	60.1	31.8	7.53	0.3	0.6	2.8	8853	4.89

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 #		SA1105060	Exp:	043022									
Metals (P-500ML)	x	W-ICPMS		X	W-ICP		W-HARD	X	Ice	X	HNO3*	X	<2	1	A
		Lot #		NA0344060	Exp:	010422									
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-CHC / 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	Formalin Lot #				Formalin								
Periphyton (PT-50ML)		ALGAE-ID					Ice								
Microbiology (Contract Lab Bottle)		E Coli		F Coli	X	Enterococci	x	Ice		1	A				
		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		11 or 7	11			
	X	W-PCL-TQ-R	X	W-CARB-AA (5 ml of MCAA** Buffer Solution)		X	W-CT-CL-R								
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							



RQ-2021-07-26-77	Collected By: Jordan Skaggs, Drew Liddick
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Drew Liddick
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SE0061	Comments:

Location:**Location:** Upper North Saint Lucie Estuary

Matrix: Marine

(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 (PPTH						
7/29/2021 1315	5.18	71.9	30.7	7.6	0.3	0.6	2.5	11463	6.47						
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 #		SA1105060		Exp:		043022								
Metals (P-500ML)	x	W-ICPMS		X	W-ICP		W-HARD	X	Ice	X	HNO3*	X	<2	1	A
	Lot #		NA0344060		Exp:		010422								
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter		x	Ice			1	A			
	Filter Lot #														
	Syringe Lot #														
Chlorophyll (BP-1L)	X	CHLSUITE-W				x	Ice	1			A				
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-BR-IC / W-F / W-TSS / TURBIDITY				x	Ice	1			A				
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	A		
	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	11 or 7	11		
	X	W-PCL-TQ-R	X	W-CARB-AA (5 ml of MCAA** Buffer Solution)		X	W-CT-CL-R								
Phytoplankton	DTY-QN-C			PKD-QN-BV				Ice							