

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 2/21/2022 **Collected By:** Charlie Hoey, Andrew Luering
Customer: SE-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-02-21-52 **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
Mosquito Creek @ 70	 G1SE0006
Nubbin Slough 1.4 miles upstream of 710	 G1SE0031
Nubbin Slough upstream of STA	 G1SE0004
L-65 upstream of S-153	 G1SE0050
S-153 Unnamed creek @ 710	 G4SE0137
Lettuce Creek @ 710	 G1SE0015

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/21/2022
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-02-21-52	Collected By: Charlie Hoey, Andrew Luering
Customer: FDEP	Field Report Prepared by: Charlie Hoey, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0006	Comments:

Location:**Location:** Mosquito Creek @ 70

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)
2/21/2022 845	3.6	37.7	17.3	6.61	0.15	0.35	0.35	455	0.22

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-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)	X E Coli F Coli 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 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					



RQ-2022-02-21-52	Collected By: Charlie Hoey, Andrew Luering
Customer: FDEP	Field Report Prepared by: Charlie Hoey, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0031	Comments:

Location:**Location:** Nubbin Slough 1.4 miles upstream of 710

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 (PPTH										
2/21/2022 915	5.76	60.8	17.9	6.61	0.3	0.7	1.8	640	0.31										
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		X	W-HARD		X	Ice	X	HNO3*					
		Lot #		1105060		Exp:		04/30/2022		X	<2	1	C						
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-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)		X	E Coli				F Coli				Enterococci				x	Ice		1	C
		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									



RQ-2022-02-21-52	Collected By: Charlie Hoey, Andrew Luering
Customer: FDEP	Field Report Prepared by: Charlie Hoey, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0004	Comments:

Location:**Location:** Nubbin Slough upstream of STA

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)
2/21/2022 940	0.94	10.1	18.9	6.12	0.3	0.4	1.2	267	0.13

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	x	W-HARD	x	Ice	x	HNO3*			
	Lot #		1105100		Exp:		06/07/2022		X	<2	1	B	
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-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)	x	E Coli		F Coli		Enterococci	x	Ice			1	B	
	Contract Lab												
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		PCR-DG3				Ice				
	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				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				



RQ-2022-02-21-52	Collected By: Charlie Hoey, Andrew Luering
Customer: FDEP	Field Report Prepared by: Charlie Hoey, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0050	Comments:

Location:**Location:** L-65 upstream of S-153

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)
2/21/2022 1040	9.44	109.3	22.5	8.12	0.3	0.8	1.9	893	0.44

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:		04/30/2023								
Metals (P-500ML)	x	W-ICPMS		x	W-ICP	x	W-HARD	x	Ice	x	HNO3*	X	<2	1	A
	Lot #		1105060		Exp:		06/07/2022								
Filtered Nutrients (P125ML)	x	W-PO4-F		x	Field Filtered 0.45 µm Filter			x	Ice		1	A			
	Filter Lot #	17162587		Syringe Lot #	1145471										
BOD (BP-1L)	OV-BODUNIN				Ice										
Chlorophyll (BP-1L)	x	CHLSUITE-W				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)	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)	x	E Coli			F Coli			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)	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										



RQ-2022-02-21-52	Collected By: Charlie Hoey, Andrew Luering
Customer: FDEP	Field Report Prepared by: Charlie Hoey, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4SE0137	Comments:

Location:**Location:** S-153 Unnamed creek @ 710

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)										
2/21/2022 1130	3.72	40.8	19.1	6.74	0.15	0.3	0.3	1877	0.96										
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:		04/30/2023											
Metals (P-500ML)		x	W-ICPMS		x	W-ICP		x	W-HARD		x	Ice	x	HNO3*		X	<2	1	A
		Lot #		1105060		Exp:		06/07/2022											
Filtered Nutrients (P125ML)		x	W-PO4-F		x	Field Filtered 0.45 µm Filter				x	Ice				1	A			
		Filter Lot #		17232873		Syringe Lot #		1145471											
BOD (BP-1L)			OV-BODUNIN					Ice											
Chlorophyll (BP-1L)		x	CHLSUITE-W					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)		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)		X	E Coli			F Coli			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)		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									



RQ-2022-02-21-52	Collected By: Charlie Hoey, Andrew Luering
Customer: FDEP	Field Report Prepared by: Charlie Hoey, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0015	Comments:

Location:**Location:** Lettuce Creek @ 710

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)										
2/21/2022 1000	1.24	13.3	18.8	6.67	0.3	0.4	0.9	489	0.24										
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 #		SA1105060		Exp:		04/30/2023											
Metals (P-500ML)		X	W-ICPMS		X	W-ICP		X	W-HARD		X	Ice	X	HNO3*		X	<2	1	D
		Lot #		1105100		Exp:		06/07/2022											
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter				X	Ice					1	D		
		Filter Lot #		17101170		Syringe Lot #		1145471											
BOD (BP-1L)			OV-BODUNIN					Ice											
Chlorophyll (BP-1L)		X	CHLSUITE-W				X	Ice					1	D					
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	D					
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)		X	E Coli			F Coli			Enterococci		X	Ice				1	D		
		Contract Lab																	
Molecular (QPCR-P-500ML)		X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		X	Ice				1	D		
		PCR-GULL2			PCR-GFD														
Tracers (BG-500ML)		X	W-E8321-DI		X	W-E8321-MS				X	Ice				1	D			
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								