

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/17/2024
Customer: SE-DIST
RQ: RQ-2024-03-04-69

Collected By: Natalie Howard, Andrew Luering
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

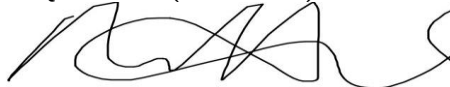
Number of Coolers Shipped: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
UNNAMED CANAL WEST OF MICCO	 G5SE0140
GOAT CREEK AT GRADICK	 G5SE0080
GOAT CREEK NEAR TADLOCK AVE	 G5SE0130
KID CREEK AT OLD DIXIE HIGHWAY	 G5SE0050
TROUT CREEK NEAR 1ST ST	 G5SE0137
UNNAMED CANAL NORTH OF SHELL PIT RD	 G5SE0138

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/17/2024
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**

RQ-2024-03-04-69	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SE0140	Comments:
---	------------------

Location: UNNAMED CANAL WEST OF MICCO
--

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 _h)
4/17/2024 905	5.91	68.6	21.8	7.29	0.3	0.61	0.61	954	0.47

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	K				
	Lot #		SA3340020		Exp:		12/11/2024												
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	K	
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	K	
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	K		
	Contract Lab																		
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		X	Ice			1	K				
		PCR-GULL2			PCR-GFD														
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			X	Ice				1	K					
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 (BP-1L)		DTY-QN-C			PKD-QN-BV				Ice										
DOC (P-500ML)		W-DOC			Field Filtered 0.45 um Filter				Ice		H2SO 4*		<2						
	Acid Preservative Expiration Date																		
	Acid Preservative Lot Number																		



RQ-2024-03-04-69	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0080	Comments:

Location: GOAT CREEK AT GRADICK

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)			
4/17/2024 945	7.13	81.2	21.3	7.57	0.05	0.1	0.1	1293	0.65			
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 #		SA3340020	Exp:	12/11/2024						
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)	X	CHLSUITE-W				X	Ice			1	D	
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS				X	Ice			1	D	
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	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 (BP-1L)		DTY-QN-C	PKD-QN-BV				Ice					
DOC (P-500ML)		W-DOC	Field Filtered 0.45 µm Filter				Ice	H2SO4*		<2		
	Acid Preservative Expiration Date											
	Acid Preservative Lot Number											

RQ-2024-03-04-69	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SE0130	Comments:
---	------------------

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 _h)
4/17/2024 1005	2.54	33.8	26.6	7.01	0.3	0.72	0.72	17452	10.17

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	E	
	Lot #		SA3340020			Exp:		12/11/2024										
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	E	
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	E	
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		X	F Coli		X	Enterococci		X	Ice					2	E	
		Contract Lab																
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		X	Ice				1	E		
		PCR-GULL2			PCR-GFD													
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS				X	Ice				1	E			
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 (BP-1L)		DTY-QN-C			PKD-QN-BV					Ice								
DOC (P-500ML)		W-DOC			Field Filtered 0.45 um Filter					Ice		H2SO4*		<2				
	Acid Preservative Expiration Date																	
	Acid Preservative Lot Number																	



RQ-2024-03-04-69	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G5SE0050	Comments:

Location: KID CREEK AT OLD DIXIE HIGHWAY

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 (PPTth)				
4/17/2024 1025	5.89	67.8	21.9	7.09	0.22	0.44	0.44	450.9	0.22				
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	F	
		Lot #		SA3340020	Exp:	12/11/2024							
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)	X	CHLSUITE-W				X	Ice			1	F		
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS				X	Ice			1	F		
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	F		
		Contract Lab											
Molecular (QPCR-P-500ML)	X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	X	Ice		1	F		
		PCR-GULL2		PCR-GFD									
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS		X	Ice			1	F		
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 (BP-1L)		DTY-QN-C	PKD-QN-BV				Ice						
DOC (P-500ML)		W-DOC	Field Filtered 0.45 µm Filter				Ice		H2SO 4*		<2		
	Acid Preservative Expiration Date												
	Acid Preservative Lot Number												



RQ-2024-03-04-69	Collected By: Natalie Howard, Andrew Lueling
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Lueling
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0137	Comments:

Location: TROUT CREEK NEAR 1ST ST

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)							
4/17/2024 1045	6.27	74.2	23.5	7.01	0.05	0.1	0.1	1587	0.8							
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	H			
	Lot #		SA3340020		Exp:	12/11/2024										
Metals (P-500ML)	x	W-ICPMS		X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	H	
	Lot #		NA3193130		Exp:	07/27/2024										
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	H
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	H
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	H			
	Contract Lab															
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3	x	Ice		1	H			
	PCR-GULL2			PCR-GFD												
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS				x	Ice		1	H			
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 (BP-1L)		DTY-QN-C			PKD-QN-BV				Ice							
DOC (P-500ML)		W-DOC		Field Filtered 0.45 um Filter				Ice		H2SO 4*		<2				
	Acid Preservative Expiration Date															
	Acid Preservative Lot Number															

RQ-2024-03-04-69	Collected By: Natalie Howard, Andrew Luering
Customer: FDEP	Field Report Prepared by: Natalie Howard, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SE0138	Comments:
---	------------------

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)
4/17/2024 1100	6.79	79.1	22.5	6.53	0.09	0.18	0.18	1512	0.76

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	I				
	Lot #		SA3340020		Exp:		12/11/2024												
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	I	
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	I	
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	I		
	Contract Lab																		
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		X	Ice			1	I				
		PCR-GULL2			PCR-GFD														
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			X	Ice				1	I					
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 (BP-1L)		DTY-QN-C				PKD-QN-BV				Ice									
DOC (P-500ML)		W-DOC				Field Filtered 0.45 um Filter				Ice		H2SO 4*		<2					
	Acid Preservative Expiration Date																		
	Acid Preservative Lot Number																		