

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/18/2022 **Collected By:** Nicole Reistad, Thomas Baker
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-04-18-33 **Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

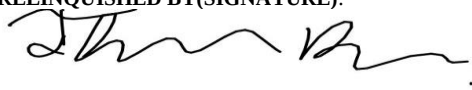
Number of Coolers Shipped: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Emerald Pointe Canal	 G3SD0216
Peace River Estuary @ Harbour Heights	 G3SD0148
Peace River Above Horse Creek 2	 G3SD0154
BOBCAT CREEK IN PRESERVE EAST	 G3SD0131

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/18/2022
1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-04-18-33	Collected By: Nicole Reistad, Thomas Baker
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0216	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: Emerald Pointe Canal

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)													
4/18/2022 835	4.96	71.6	27.1	7.39	0.3	0.9	0.9	39220	24.94													
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:		04/30/22														
Metals (P-500ML)		x	W-ICPMS		X	W-ICP			W-HARD		X	Ice	X	HNO3*		X	<2	1	A			
		Lot #		NA1005100		Exp:		06/07/22														
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		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	
		X 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																
		X	W-TR-SQ-R		W-PCB-TQ-R																	
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice														

WIN ID/Field ID:  WIN ID/Field ID: G3SD0148	Comments: Microbiology sample(s) submitted to contract laboratory.
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Location: Peace River Estuary @ Harbour Heights

(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)										
4/18/2022 905	5.19	72.1	27.2	7.34	0.3	1	1.2	28800	7.33										
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	B				
		Lot #		SA1105060		Exp:		04/30/22											
Metals (P-500ML)		x	W-ICPMS		X	W-ICP			W-HARD		X	Ice	X	HNO3*		X	<2	1	B
		Lot #		NA1005100		Exp:		06/07/22											
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	B							
Physical/Aggregate (Fresh) (P-1L)			Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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	B							
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			
		X	Contract Lab																
Molecular (QPCR-P-500ML)		X	PCR-HF183		X	PCR-BacR		X	PCR-DG3			Ice		1	B				
			PCR-GULL2			PCR-GFD													
Tracers (BG-500ML)		X	W-E8321-DI		X	W-E8321-MS				x	Ice		1	B					
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										
		X	W-TR-SQ-R			W-PCB-TQ-R													
Phytoplankton			DTY-QN-C			PKD-QN-BV					Ice								



RQ-2022-04-18-33	Collected By: Nicole Reistad, Thomas Baker
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0154	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:**Location:** Peace River Above Horse Creek 2

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								
4/18/2022 1035	6.43	82.6	28.3	7.81	0.3	1	2.7	475.5	0.23								
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 #		SA1105060		Exp:		04/30/22									
Metals (P-500ML)		x	W-ICPMS		X	W-ICP	X	W-HARD	X	Ice	X	HNO3*		X	<2	1	E
		Lot #		NA1005100		Exp:		06/07/22									
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			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-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		
		X	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			MCAA Exp.	MCAA Lot#	4	E		
		X	W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R		x					Ice	
			W-TR-SQ-R		X	W-PCB-TQ-R											
Phytoplankton			DTY-QN-C			PKD-QN-BV				Ice							



RQ-2022-04-18-33	Collected By: Nicole Reistad, Thomas Baker
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Thomas Baker
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0131	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:**Location:** BOBCAT CREEK IN PRESERVE EAST

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										
4/18/2022 1120	5.65	66.4	23.2	7.53	0.05	0.1	0.1	281.7	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 #		NA1005100		Exp:		06/07/22		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	
		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													

1001 Corporate Ave. Suite 102
North Port, FL 34289

BEAS Sample Receipt Temp. 716 °C
Checked at Benchmark EA South E85086
With Temperature Gun ID #7

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: (239) 344-5719
Email: dep-overflowmicro@den.state.fl.us

Bill to: Frances Moore
P.O. #: Lab B95341

2022-04-18-33
Project Name: RQ-2021-_{NK}

Project Name: RQ-2021-
Project Run/Location: SMP: Peace River

Laboratory Submission #:

5220413

Station
ID

Surface Water
Sample Matrix¹
(Fresh / Marine)

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

Station ID	Surface Water Sample Matrix: ² (Fresh / Marine)	Sample Type	Enterococci E.coli (SM9223B Quantitray)	Laboratory Sample #
G3SD0214	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time: 04/18/22 0835	1
G3SD0148	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time: 04/18/22 0905	3
G3SD0154	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time: 04/18/22 1035	3
G3SD0131	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time: 04/18/22 1120	4
	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Enterotoxigenic / Fecal coliform	Date & Time:	

E. coli = 250 mL ; Enterotoxigenic = 120 mL ; Fecal Coliform = 120 mL

Sample Type is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

Laboratory Sample Acceptability:

pH < 2: 0 BEAS' temperature: 41.6°C

1. The client is responsible for documentation of the sample action.
2. Sample Matrix: is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
3. Sample Type: is used to indicate whether the sample is being dispatched to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDANT), or sludge (SLDO).
4. Container type: is used to indicate whether the container is plastic (P) or glass (G).
5. Sample must be refrigerated and stored in ice after collection. The maximum temperature during storage should be $\leq 4^{\circ}\text{C}$ (42.87°F). Under "Preservatives" list any preservatives that were added to the sample container.
6. Each bottle has a label identifying sample ID, prepackaged preservative contained in the bottle, sample type, client ID, and parameters for analysis.
7. The following information should be added to each bottle label after collection with preservative blank, one, and three liter collection samples: 1. All bottles not containing preservative may be mixed with appropriate sample prior to collection.
8. The client is responsible for documentation of the sample action.
9. Please note: special sampling events on the sample custody form.

4.6.7

Collector: 

[illegible]

1. The first group of authors (e.g., [1, 2]) considers the problem of the optimal control of the motion of a mechanical system in the presence of a disturbance. The optimal control is determined by the method of the maximum principle. The optimal control is determined by the method of the maximum principle.

Relinquished by: _____
Date: 6/20/01
Time: 4:01

9/18/99 11

8

Relinquished by:	Date:	Time:
3		

Journal of Interpersonal Violence 26(10)

1

4	Relinquished by:	Date:	Time:
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1990

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Reinquished by: _____ Date: _____ Time: _____

Date	Time
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