

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 6/20/2022 **Collected By:** Nicole Reistad, Monica Jaeger
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-06-20-48 **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
Peace River Estuary @ Harbour Heights	 G3SD0148
Emerald Pointe Canal	 G3SD0216
BOBCAT CREEK IN PRESERVE EAST	 G3SD0131
Peace River Above Horse Creek 2	 G3SD0154

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/20/2022
1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**

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)												
6/20/2022 905	4.12	54.6	29.3	6.79	0.3	0.5	1.4	2393	1.22												
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	B						
		Lot #		131766		Exp:		11/19/22													
Metals (P-500ML)		x	W-ICPMS		X	W-ICP			W-HARD		X	Ice	X	HNO3*		X	<2	1	B		
		Lot #		NA11050100		Exp:		06/7/22													
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-C / W-COLOR / W-SO4-IC / W- TDS					Ice														
Physical/Aggregate (Marine) (P-1L)		X	Alkalinity / 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
		Contract Lab																			
Molecular (QPCR-P-500ML)		X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		x	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															
		W-TR-SQ-R		W-PCB-TQ-R																	
Phytoplankton		DTY-QN-C		PKD-QN-BV					Ice												



RQ-2022-06-20-48	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
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)														
6/20/2022 840	2.49	34	28.8	6.68	0.3	0.5	0.8	15297	8.91														
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 #		SA1308030		Exp:		12/1/22															
Metals (P-500ML)		x	W-ICPMS		X	W-ICP		W-HARD	X	Ice	X	HNO3*		X	<2	1	A						
		Lot #		NA11050100		Exp:		6/7/22															
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-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														
			W-TR-SQ-R			W-PCB-TQ-R																	
Phytoplankton			DTY-QN-C			PKD-QN-BV				Ice													



RQ-2022-06-20-48	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
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. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH
6/20/2022 950	4.55	54.8	24.6	6.78	0.1	0.2	0.2	281.4	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*	X	<2	1	C	
	Lot #		NA11050100		Exp: 6/7/22							
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)	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-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)	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						

WIN ID/Field ID: 
WIN ID/Field ID: G3SD0154

Location: Peace River Above Horse Creek 2

(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														
6/20/2022 1045	5.12	66	28.3	7.09	0.3	0.6	2.6	498.7	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	E								
		Lot #		131766		Exp:		11/19/22															
Metals (P-500ML)		x	W-ICPMS		X	W-ICP		X	W-HARD	X	Ice	X	HNO3*		X	<2	1	E					
		Lot #		NA11050100		Exp:		6/7/22															
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-CH-C / 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)		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		x	Ice	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														
			W-TR-SQ-R		X	W-PCB-TQ-R																	
Phytoplankton			DTY-QN-C			PKD-QN-BV					Ice												

Benchmark EnviroAnalytical, Inc.
1001 Corporate Ave. Suite 102
North Port, FL 34289
(941) 625-3137 / (941) 240-3071 fax

2022-06-20-48

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

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

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

Laboratory Submission #:

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

Station
ID

Surface Water
Sample Matrix:
(fresh / Marine)
Sample Type

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

G3SD0146	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time	6/20/22	840
G3SD0148	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time	6/20/22	905
G3SD0131	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time	6/20/22	950
G3SD0154	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time	6/20/22	1045
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time		

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

Sample Matrix is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), soil, sediment (SDMNT), or sludge (SLD).
Composite Type is used to indicate whether the container is plastic (P) or glass (G).
Sample must be refrigerated or stored in ice after collection. The maximum temperature during storage should be 4°C (40°F). Under "Preservative," list any preservatives that were added to the sample container.

1. Each bottle has a label identifying sample ID, preservative (if any), container type, client ID, and parameters for analysis.
2. The following information should be added to each bottle label after collection: date and time of collection, sample's name or initials, and any field number or ID.
3. All bottles containing preservative may be mixed with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:
pH < 10 BEAS Temperature: 5.3

1	Collector: Monica Jaeger	Date: 6/20/22	Time: 1148	Received By: Brooke Kutzmark	Date: 6/20/22	Time: 1148
1	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
1	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
1	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
1	Relinquished by:	Date:	Time:	Received By:	Date:	Time:

BEAS Sample Receipt Temp. 5.3 °C

Checked at Benchmark EA South E85086
With Temperature Gun ID #7