

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>2/9/2023</u>	Collected By: <u>Nicole Reistad, William Mullen</u>
Customer: <u>SO-DIST</u>	Sampling Agency: <u>FDEP</u>
RQ: <u>RQ-2023-01-30-53</u>	Project ID: <u>SMP</u>

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

Number of Coolers Shipped: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Peace River Above Horse Creek 2	 G3SD0154
PRivSmallStrmOffHuntrCr	 G3SD0238
Peace River Estuary @ Harbour Heights	 G3SD0148
PeaceRiver@PeaceRiverDr	 G3SD0239
Emerald Pointe Canal	 G3SD0216
PeaceRiverGilchristPark	 G3SD0240

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/9/2023 1500
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2023-01-30-53	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0154	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Peace River Above Horse Creek 2

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)			
2/9/2023 925	8.07	89.9	20.6	7.66	0.3	0.9	2.5	411	0.2			
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 #		SA2299040	Exp:	11/04/23						
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	B	
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS				X	Ice			1	B	
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	B	
	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						
DOC		W-DOC	Field Filtered 0.45 µm Filter			Ice	H2SO4*		<2			
	Acid Preservative Expiration Date											
	Acid Preservative Lot Number											

WIN ID/Field ID:  WIN ID/Field ID: G3SD0238	Comments: Microbiology sample(s) submitted to contract laboratory.
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Matrix: Fresh

(Check One)

✓ Grab

☐ Composite

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 um 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)		E Coli				F Coli			X	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								
DOC		W-DOC				Field Filtered 0.45 um Filter						Ice		H2SO 4*		<2				
	Acid Preservative Expiration Date																			
	Acid Preservative Lot Number																			



RQ-2023-01-30-53	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3SD0148	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Peace River Estuary @ Harbour Heights

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)			
2/9/2023 1320	9.17	111.9	23.9	8	0.3	0.5	1	8744	4.88			
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 #		SA2299040	Exp:	11/04/23						
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	A	
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)	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						
DOC		W-DOC	Field Filtered 0.45 µm Filter			Ice		H2SO4*		<2		
			Acid Preservative Expiration Date									
			Acid Preservative Lot Number									

WIN ID/Field ID:  WIN ID/Field ID: G3SD0239	Comments: Microbiology sample(s) submitted to contract laboratory.
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Matrix: Marine

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)
2/9/2023 1335	9.05	111.4	23.6	7.99	0.3	0.7	2.5	13001	7.14

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 um 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)	E Coli				F Coli				X	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													
DOC	W-DOC				Field Filtered 0.45 um Filter						Ice		H2SO 4*			<2								
					Acid Preservative Expiration Date																			
					Acid Preservative Lot Number																			



RQ-2023-01-30-53	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3SD0216	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Emerald Pointe Canal

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)			
2/9/2023 1415	7.03	92.6	23.3	7.74	0.3	0.8	0.8	33580	21.08			
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 #		SA2299040	Exp:	11/04/23						
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	A	
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)	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						
DOC		W-DOC	Field Filtered 0.45 µm Filter			Ice		H2SO4*		<2		
			Acid Preservative Expiration Date									
			Acid Preservative Lot Number									



RQ-2023-01-30-53	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0240	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: PeaceRiverGilchristPark

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 (PPTth)					
2/9/2023 1435	7.31	97.2	22.6	7.8	0.3	0.8	1	37865	24.05					
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*	X	<2	1	D	
	Lot #		NA1105100		Exp:		06/07/23							
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-CH-C / 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)	E Coli		F Coli		X	Enterococci	x	Ice	1					D
	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									
DOC	W-DOC		Field Filtered 0.45 µm Filter		Ice		H2SO4*		<2					
			Acid Preservative Expiration Date											
			Acid Preservative Lot Number											

(941) 625-3137 / (941) 240-3071 fax

dep-overflowmicro@dep.state.fl.us

**Bill to: Frances Moore
P.O. #: Lab C00EF5**

2022-2022

Laboratory Submission #:

S23020243

Station ID	Surface Water Sample Matrix? (Fresh / Marine)	Sample Type	E. coli / Enterococci (SM9223B Quantitray)	Laboratory Sample #
G3SD08154	F / M / Grab	E. coli / Enterococci	62/09/23 0925	1
G3SD08238	F / M / Grab	E. coli / Enterococci	62/09/23 1105	2
G3SD0148	F / M / Grab	E. coli / Enterococci	62/09/23 1320	3
G3SD08239	F / M / Grab	E. coli / Enterococci	62/09/23 1335	4
G3SD08216	F / M / Grab	E. coli / Enterococci	62/09/23 1415	5
G3SD08240	F / M / Grab	E. coli / Enterococci	62/09/23 1435	6

1. Sample Name: is used to indicate whether the sample is being distributed to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), some surface water (SSW), soil, sediment (SDMT), or sludge (SLDG).
2. Container type: is used to indicate whether the container is plastic (P) or glass (G).
3. Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative:" list any preservatives that were added to the sample container.
4. Each bottle has a label identifying sample ID, preamplified, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
5. The following information should be added to each bottle:
 1. All bottles not containing preservative may be stored with appropriate block time; date and time of collection, sampler's name or initials, and any field number or ID.
 2. The client is responsible for documentation of the sampling event. Please note Special sampling events on the sample custody form.

Laboratory Sample Acceptability:
pH < 2.0 BEAS Temperature: 4, 1

1	Collector:	<i>William Heller</i>	Date:	<i>6/2/04/12/3</i>	Time:	<i>1517</i>	Received By:	<i>Barthe Kutzmark</i>	Date:	<i>2/9/23</i>	Time:	<i>1517</i>
2	Relinquished by:		Date:		Time:		Received By:	<i>Brook Kutzmark</i>	Date:		Time:	
3	Relinquished by:		Date:		Time:		Received By:		Date:		Time:	
4	Relinquished by:		Date:		Time:		Received By:		Date:		Time:	
5	Relinquished by:		Date:		Time:		Received By:		Date:		Time:	

BEAS Sample Receipt Temp. 4.1 °C

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