

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

CHAIN OF CUSTODY FORM

Date: 01/28/2020

Collected By: Nicole Reistad, Miranda Carroll

Customer: SO-DIST

Sampling Agency: FDEP-SROC

RQ: 2020-01-27-48

Project ID: SMP

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

Sampler(s) Name (PRINT): Nicole Reistad

Sampler(s) Signature (SIGN): [Signature] Number of Coolers Shipped: 2

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

Field ID/WIN ID



G3SD0148

Location



Peace River Estuary

Field ID/WIN ID



G3SD0131

Location



BobcatCreekPreserveEast

BobcatCreekPreserveEast



FB_01282020

Field ID/WIN ID



G3SD0154

Location



PeaceRiver HorseCreek2

RELINQUISHED BY (SIGNATURE): [Signature] DATE/TIME: 01/28/20 1400

RECEIVED BY (SIGNATURE): _____ DATE/TIME: _____



RQ-2020-01-27-48
Customer: SO-DIST
Project ID: SMP

Collected By: Miranda Carroll, Nicole Reistad
Field Report Prepared By: Nicole Reistad
Sampling Agency: SOROC

Field ID/WIN ID Location Peace River Estuary						Comments: Contains: 1:1 H2SO4 Lot No.: SA9203100 Expires: 07/22/20 See Safety Data Sheet (SDS)				
Matrix: Fresh ☐ Marine ☒						(Check one) ☒ GRAB ☐ COMPOSITE				
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
01/28/20	1000	7.50	84.8	18.7	7.19	0.3	0.8	1.2	NR 1531 15,125	8.85 4 NR
EST/CST										
Central Lab please use top row for login purposes										
EST/CST										
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 / ☒ V-S-A-TP				☒ Ice ☒ H2SO4*		☒ <2	1	A
		Lot #		SA9203106		Exp:		07/22/20		
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP ☐ V-HARD				☐ Ice ☐ HNO3*		☐ <2		
		Lot #				Exp:				
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	A
		Filter Lot #				Exp:				
		Syringe Lot #		9240147		Exp:				
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ 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)		☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☒ Ice			1	A
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☐ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab Benchmark				☒ Ice			1	A
Molecular (QPCR-P-500ML)		☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ 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 ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time:
N. Reistad		01/28/20		FedEx		2				

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Email Submittal form to: lab.receiving@floridadep.gov.



RQ-2020-01-27-48
Customer: SO-DIST
Project ID: SMP

Collected By: Nicole Reistad, Miranda Carroll
Field Report Prepared By: Nicole Reistad
Sampling Agency: SOROC

Field ID/WIN ID Location BobcatCreekPreserveEast						Comments: Syringe: #9086651 03/31/24 BobcatCreekPreserveEast FB_01282020					
Matrix: ☒ Fresh / ☐ Marine						(Check one) ☒ GRAB ☐ COMPOSITE					
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)	
01/28/20	1045 (EST) / CST	8.00	81.5	16.2	6.80	0.05	0.1 ☒ VOB (S)	0.1	309	0.15	
Central Lab please use top row for login purposes											
EST / CST											
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	2	B, E	
		Lot #		SA9203100		Exp:		07/22/20			
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	B	
		Lot #		NA9254150		Exp:		09/11/20			
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			2	B, E	
		Filter Lot #		9240147 _{NR}		Exp:		08/31/24 _{NR}			
		Syringe Lot #		9240147		Exp:		08/31/24			
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CT-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			2	B, E	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice					
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin					
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci				☒ Ice			1	B	
		☒ Contract Lab Benchmark									
Molecular (QPCR-P-500ML)		☒ PCR-HF183 ☒ PCR-BacR ☒ PCR-DG3				☒ Ice			1	B	
		☐ PCR-GULL2 ☐ PCR-GFD ☐									
Tracers (BG-500ML)		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice			1	B	
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R				☐ Ice					
		☐ W-PCL-SQ-R ☐ W-CAR8-AA (5 ml of MCAA** Buffer Solution)				☐ Ice					
						☐ Ice					
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time:	
N. Reistad		01/28/20		FedEx		2					

*2.0 ml of Preservative used unless noted otherwise.

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RQ-2020-01-27-48
Customer: SO-DIST
Project ID: SMP

Collected By: Nicole Reistad, Miranda Carroll
Field Report Prepared By: Nicole Reistad
Sampling Agency: SOROC

Field ID/WIN ID Location PeaceRiver HorseCreek2							Comments: Contains: 1:1 H2SO4 Lot No.: SA9203100 Expires: 07/22/20 See Safety Data Sheet (SDS)			
Matrix: ☒ Fresh / ☐ Marine							(Check one) ☒ GRAB ☐ COMPOSITE			
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
01/28/20	1205 ☒ EST ☐ CST	9.80	103.2	17.8	7.40	0.3	0.7 ☐ VOB (S)	2.4	373	0.18
Cental Lab please use top row for login purposes										
01/28/20	1206 ☒ EST ☐ CST	9.81	103.3	17.8	7.29	1.9		2.4	373	0.18
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	1	D
		Lot #		SA9203100		Exp:		07/22/20		
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			1	D
		Filter Lot #				Exp:				
		Syringe Lot #		9240147		Exp:				
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	D
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CHC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS				☒ 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				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci				☒ Ice			1	D
		☒ Contract Lab <i>Benchmark</i>								
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 ☐ W-CT-CL-R				☐ Ice				
		☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time:
N. Reistad		01/28/20		FedEx		2				

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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Benchmark EnviroAnalytical, Inc.

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

Client Name: FDEP

Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399

Phone: (850) 245-8085

Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore**P.O. #: Lab B16970**

Project Name: RQ-2019-01-27-48
Project Run/Location: Peace River

Laboratory Submission #:

520010590

Station ID	Surface Water Sample Matrix ² (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray)			Laboratory Sample #
E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL					
G3SD0148	F / M / Grab	E.coli / Entero	F.coli	Date & Time: 01/28/20 1000	
G3SD0131	F / M / Grab	E.coli / Entero	F.coli	Date & Time: 01/28/20 1645	
G3SD0154	F / M / Grab	E.coli / Entero	F.coli	Date & Time: 01/28/20 1205	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	
	F / M / Grab	E.coli / Entero	F.coli	Date & Time:	

²Sample Type is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

¹ "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

² "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), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).

³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).

⁴ 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.

Instructions:

- Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample copy form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 3.9°C

1	Collector: Nicole Reistad	Date: 01/28/20	Time: 1303	Received By: Melinda Merchant	Date: 1/28/20	Time: 1303
2	Relinquished by:	Date:	Time:	Received By:	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: