

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 1/23/20

Collected By: Miranda Carroll

Customer: SODIST

Sampling Agency: 21 ELEM

RQ: 2020-01-20-36

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): Miranda Carroll

Sampler(s) Signature (SIGN): [Signature] Number of Coolers Shipped: 4

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

Field ID/WIN ID



G3SD0090

Location



South Creek @HonoreAve

Field ID/WIN ID



G3SD0103

Location



Hatchett@PinebrookRd

Field ID/WIN ID



G3SD0066

Location



Curry(Tidal)@AlbeeFarm

Field ID/WIN ID



G2SD0025

Location



Alligator Tidal @ US 41

Field ID



G3SD0066_DUP

Curry(Tidal)@AlbeeFarm

WIN ID



G3SD0066

Field ID/WIN ID



G2SD0026

Location



Alligator @ Jacaranda

RELINQUISHED BY (SIGNATURE): [Signature] DATE/TIME: 1/23/20

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



RQ-2020- 01-20-36

Customer: SODIST

Project ID: SMP

Collected By: MC GS

Field Report Prepared By: MC

Sampling Agency: 21 FLETCM

Field ID/WIN ID Location Alligator @ Jacaranda						Comments:				
Matrix: Fresh Marine MC						(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)
1/23/20	1315	11.2	118.2	18.0	7.73	0.3	0.8	0.8	964	0.48
EST/CST										
Cental 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	1	E
		Lot #		SA9203100		Exp:		7/22/20		
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP ☐ W-HARD				☐ Ice ☐ HNO3*		☐ <2	Ø + MC	
		Lot #		NA9259150 MC		Exp:		9/11/20 MC		
Filtered Nutrients (P125ML)		☒ W-P04-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	E
		Filter Lot #		17020459		Exp:				
		Syringe Lot #		9240147		Exp:				
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	E
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-S04-IC / W-TDS				☒ 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				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci				☐ Ice			Ø	E
		☒ 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 ☐ 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:
[Signature]		1/23/20 1500		FedEx		4				

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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



RQ-2020- 01-26-36

Customer: SODIST

Project ID: SMP

Collected By: MC GS

Field Report Prepared By: MC

Sampling Agency: ZI FLEETM

Field ID/WIN ID Location Alligator Tidal @ US 41						Comments:				
Matrix: Fresh <u>Marine</u>						(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)
1/23/20	1230 EST / CST	5.27	58.8	17.2	7.12	0.3	0.8 ☒ VOB (S)	0.8	227 mc 22399	13.25
Cental 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	1	D
		Lot #		SA9203100		Exp:		7/22/20		
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	D
		Lot #		NA9254150		Exp:		9/11/20		
Filtered Nutrients (P125ML)		☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter				☒ Ice			1	D
		Filter Lot #		17026459		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				
Physical/Aggregate (Marine) (P-1L)		☒ Alkalinity / ☐ W-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY				☒ Ice			1	D
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☐ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab				☒ Ice			0	P
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			1	L
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:
MC GS		1/23/20 1300		FedEx		4				

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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



RQ-2020- 01-20-36

Customer: SODIST

Project ID: SMP

Collected By: MC GS

Field Report Prepared By: MC

Sampling Agency: ZIFLFTM

Field IDWIN ID Location Hatchett@PinebrookRd						Comments: * Tracer bottle included in pesticide bottle count				
Matrix: <u>Fresh</u> 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 (PPTth)
4/23/20	1140	10.70	115.1	18.8	7.55	0.15	0.3	0.3	1227	0.61
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 / ☒ W-S-A-TP				☒ Ice ☒ H2SO4*		☒ <2	1	B
		Lot #		SA 9203100		Exp:		7/22/20		
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	B
		Lot #		NA 9254150		Exp:		9/11/20		
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	B
		Filter Lot #		17020459		Exp:				
		Syringe Lot #		9240147		Exp:				
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CL-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS				☒ Ice			1	B
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			0	B
		☒ Contract Lab								
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			6	B
Pesticides (BG-500ML) (BG-1L)		☒ W-E8321-DI ☒ W-E8321-MS ☒ W-PSNP-TQ ☒ W-CT-CL-R				☒ Ice			6	B
		☒ 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:
[Signature]		4/23/20 1500		FedEx		4		[Signature]		

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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



RQ-2020- 01-20-36
Customer: SODIST
Project ID: SMP

Collected By: Miranda Carroll / Gary Swartz
Field Report Prepared By: Miranda Carroll
Sampling Agency: ZIFLFTM

Field ID/WIN ID Location South Creek @HonoreAve						Comments:				
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)
1/23/20	1000	7.84	80.5	16.5	7.04	0.25	0.5	0.5	1014	6.50
EST / CST										
Cental 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	1	A
		Lot #	SA9263100		Exp:	07/22/20				
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	A
		Lot #	NA9254150		Exp:	09/11/20				
Filtered Nutrients (P125ML)		☒ W-P04-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	A
		Filter Lot #	17020459		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-CH-IC / W-COLOR / W-S04-IC / W-TDS				☒ Ice			1	A
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	A
		☒ 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			1	A
Pesticides (BG-500ML) (BG-1L)		☒ W-E8321-DI ☒ W-E8321-MS ☒ W-PSNP-TQ ☒ W-CT-CL-R				☒ Ice			1	A
		☒ W-PCL-SQ-R ☒ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time:
<u>Miranda Carroll</u>		1/23/20 1500		FedEx		4				

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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



RQ-2020- 01-20-36

Customer: SC DIST

Project ID: SMP

Collected By: MC GS

Field Report Prepared By: MC

Sampling Agency: ZIFLFTM

Field ID Curry(Tidal)@AlbeeFarm WIN ID						Comments: Field ID/WIN ID Location Curry(Tidal)@AlbeeFarm				
G3SD0066_DUP						G3SD0066				
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)
1/23/20	1045	7.12	83.4	16.1	7.23	0.3	1.6	1.6	37674	23.54
EST/CST										
Cental Lab please use top row for login purposes										
1/23/20	1047	7.11	83.5	16.0	7.49	1.1			38204	24.29
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	C
		Lot #	SA9203100		Exp:	7/12/20				
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	2	C
		Lot #	NA9254150		Exp:	9/11/20				
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			2	C
		Filter Lot #	17020459		Exp:					
		Syringe Lot #	9240147		Exp:					
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			2	C
Physical/Aggregate (Fresh) (P-1L)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHL / W-COLOR / W-SO4-IC / W-TDS				☐ Ice				
Physical/Aggregate (Marine) (P-1L)		☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☒ Ice			2	C
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAEID				☐ Ice				
Microbiology (Contract Lab Bottle)		☐ E Coli ☐ F Coli ☒ Enterococci				☒ Ice			2	C
		☒ Contract Lab								
Molecular (QPCR-P-500ML)		☒ PCR-HF183 ☒ PCR-BacR ☒ PCR-DG3				☐ Ice			2	C
		☐ PCR-GULL2 ☐ PCR-GFD ☐								
Tracers (BG-500ML)		☒ W-E8321-DI ☒ W-E8321-MS				☐ Ice			2	C
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				
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time:
[Signature]		1/23/20 1500		FedEx		4				

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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

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: ⁶⁷RC-2020-01-20-36
Project Run/Location: Sarasota Crick

Project Name: RQ-2019- RC-2020-01-20-36		Laboratory Submission #:		520010503	
Project Run/Location: Sarasota Crick					
Station ID	Surface Water Sample Matrix ² (Fresh / Marine)	Enterococci		Laboratory Sample #	
	Sample Type				
E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL					
South Creek G3SD0090	F / M / Grab	E.coli / Entero	1/23/20	1000	1
Curry Creek G3SD0066	F / M / Grab	E.coli / Entero	1/23/20	1045	2
Hatchett Creek G3SD0103	F / M / Grab	E.coli / Entero	1/23/20	1140	3
Alligator Tidal G2SD0025	F / M / Grab	E.coli / Entero	1/23/20	1230	4
Alligator Creek G2SD0026	F / M / Grab	E.coli / Entero	1/23/20	1315	5
Curry Creek DUP G3SD0066	F / M / Grab	E.coli / Entero	1/23/20	1050	6
	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:	

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), saline surface water (SSW), salt solution (SDMT), 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 (43°F). Under "Preservative," list any preservatives that were added to the sample container.

⁵ Each bottle has a label identifying sample ID, preservative preservative contained in the bottle, sample type, client ID, and parameters for analysis.

⁶ 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.

⁷ All bottles not containing preservative may be stored with appropriate sample prior to collection.

⁸ 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: 4.3°C

1	Collector: Gary Suarez	Date: 1/23/20	Time: 1352	Received By: [Signature]	Date: 1/23/20	Time: 1352
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: