

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 3/25/2021	Collected By: Nicole Reistad, Chris Hormuth
Customer: SO-DIST	Sampling Agency: FDEP
RQ: RQ-2021-03-29-75	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: 1

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

Site Location	Field ID/WIN ID
BillyCreekSeaboard St	 G3SD0203
BillyCrk@ShadyOaksBrdwk	 G3SD0196
BillyCreek@VSShoemaker	 G3SD0197
BillyCreeknearDemeryCir	 G3SD0198
BillyCreekUpstrmofMarsh	 G3SD0199
Billy Creek @ Ortiz Ave	 G3SD0200
FB	 FB_03252021

RELINQUISHED BY(SIGNATURE):



DATE/TIME:

03/25/2021 1200

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected Date:



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SD0203

Comments: Microbiology sample(s) submitted to contract laboratory

Location: BillyCreekSeaboard St

Matrix: Marine

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)			
3/25/2021 815	3.05	34.9	21.8	7.35	0.15	0.3	0.3	2362	1.22			
Central Lab please use top row for login purposes												
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		Ice		HNO3*	<2		
	Lot #			Exp:								
Filtered Nutrients (P125ML)		W-PO4-F			Field Filtered 0.45 µm Filter			Ice				
	Filter Lot #											
	Syringe Lot #											
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						Ice					
Periphyton (PT-50ML)	ALGAE-ID						Ice					
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli	X	Enterococci	x				Ice
	X	Contract Lab										
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR	X	PCR-DG3	x	Ice			
		PCR-GULL2			PCR-GFD							
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			x	Ice			
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS			W-PSNP-TQ	Ice				
							W-DIELDRIN					
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R					
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice				



RQ-2021-03-29-75

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad, Chris Hormuth

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0196

Comments: Microbiology sample(s) submitted to contract laboratory

Location: BillyCrk@ShadyOaksBrdWk

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)		
3/25/2021 840	4.07	46.6	22	7.59	0.1	0.2	0.2	816	0.4		
Central Lab please use top row for login purposes											
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 µm Filter		Ice					
		Filter Lot #									
		Syringe Lot #									
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				Ice					
Periphyton (PT-50ML)		ALGAE-ID				Ice					
Microbiology (Contract Lab Bottle)		X	E Coli	F Coli	X	Enterococci				x	Ice
		Contract Lab									
Molecular (QPCR-P-500ML)		X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	x	Ice	1	A
		PCR-GULL2		PCR-GFD							
Tracers (BG-500ML)		X	W-E8321-DI	X	W-E8321-MS		x	Ice	1	A	
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ	Ice				
						W-DIELDRIN					
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R					
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice				

RQ-2021-03-29-75

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SD0197

Comments: Microbiology sample(s) submitted to contract laboratory

Location: BillyCreek@VSShoemaker

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h						
3/25/2021 900	4.71	54.5	22.4	7.7	0.2	0.4	0.4	852	0.42						
Central Lab please use top row for login purposes															
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		Ice		HNO3*		<2				
		Lot #			Exp:										
Filtered Nutrients (P125ML)		W-PO4-F			Field Filtered 0.45 µm Filter			Ice							
		Filter Lot #													
		Syringe Lot #													
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					Ice								
Periphyton (PT-50ML)		ALGAE-ID					Ice								
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli	X	Enterococci	x					Ice	2	A
	X	Contract Lab													
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR	X	PCR-DG3	x					Ice	1	A
		PCR-GULL2			PCR-GFD										
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			x	Ice	1	A				
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS			W-PSNP-TQ		Ice						
							W-DIELDRIN								
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R								
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							

RQ-2021-03-29-75

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SD0198

Comments: Microbiology sample(s) submitted to contract laboratory

Location: BillyCreeknearDemeryCir

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)			
3/25/2021 920	4.95	57.4	22.6	7.76	0.15	0.3	0.3	857	0.42			
Central Lab please use top row for login purposes												
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		Ice		HNO3*	<2		
		Lot #			Exp:							
Filtered Nutrients (P125ML)		W-PO4-F			Field Filtered 0.45 µm Filter			Ice				
		Filter Lot #										
		Syringe Lot #										
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					Ice					
Periphyton (PT-50ML)		ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli	X	Enterococci	x				Ice
	X	Contract Lab										
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR	X	PCR-DG3	x	Ice			
		PCR-GULL2			PCR-GFD							
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			x	Ice			
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI			W-E8321-MS			W-PSNP-TQ	Ice			
								W-DIELDRIN				
		W-PCL-SQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R				
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice				

RQ-2021-03-29-75

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SD0199

Comments: Microbiology sample(s) submitted to contract laboratory

Location: BillyCreekUpstrmofMarsh

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)						
3/25/2021 1000	5.23	61.6	23.5	7.83	0.15	0.3	0.3	582	0.28						
Central Lab please use top row for login purposes															
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 µm Filter				Ice						
		Filter Lot #													
		Syringe Lot #													
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						Ice							
Periphyton (PT-50ML)		ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli	X	Enterococci	x	Ice					2	A
	X	Contract Lab													
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3	x	Ice	1	A			
		PCR-GULL2			PCR-GFD										
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			x	Ice	1	A				
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI			W-E8321-MS			W-PSNP-TQ	Ice						
								W-DIELDRIN							
		W-PCL-SQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R							
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							

RQ-2021-03-29-75

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SD0200

Comments: Microbiology sample(s) submitted to contract laboratory

Location: Billy Creek @ Ortiz Ave

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h						
3/25/2021 1030	4.47	51.3	22.1	7.83	0.05	0.1	0.1	624	0.3						
Central Lab please use top row for login purposes															
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 µm Filter			Ice							
	Filter Lot #														
	Syringe Lot #														
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					Ice								
Periphyton (PT-50ML)		ALGAE-ID					Ice								
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli	X	Enterococci		x				Ice	2	A
	X Contract Lab														
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR	X	PCR-DG3		x	Ice	1	A			
	PCR-GULL2			PCR-GFD											
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			x	Ice	1	A				
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS			W-PSNP-TQ		Ice						
							W-DIELDRIN								
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R								
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							

RQ-2021-03-29-75

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: FB_03252021

Comments: Microbiology sample(s) submitted to contract laboratory

Location: FB

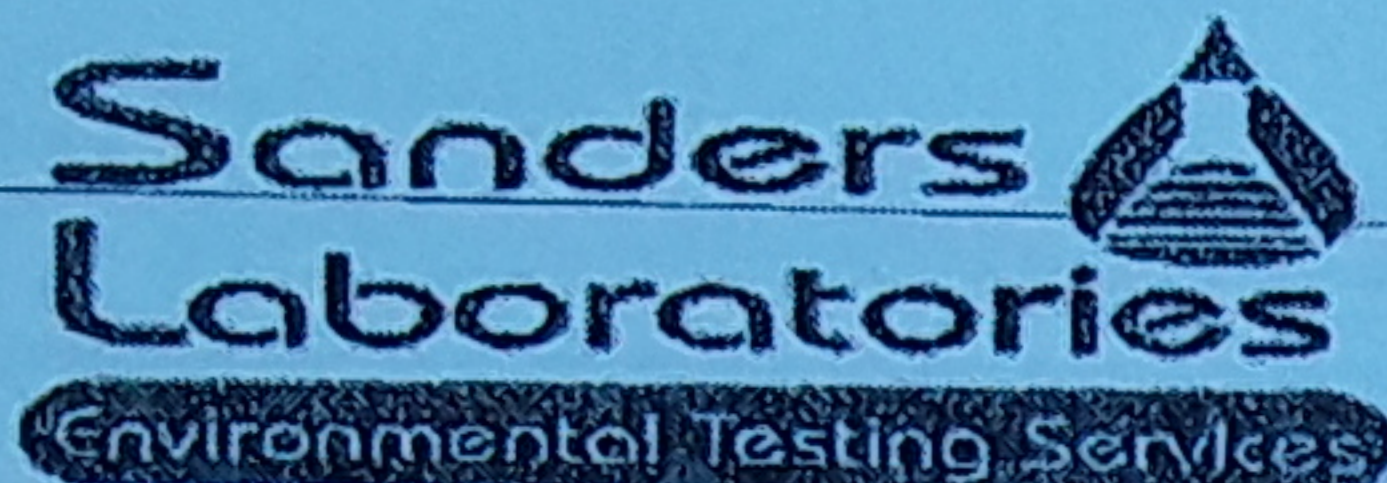
Matrix: DI Water

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3/25/2021 1040									
Central Lab please use top row for login purposes									
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 µm Filter			Ice			
	Filter Lot #								
	Syringe Lot #								
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					Ice			
Periphyton (PT-50ML)	ALGAE-ID					Ice			
Microbiology (Contract Lab Bottle)	E Coli		F Coli		Enterococci	Ice			
	Contract Lab								
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		PCR-DG3	Ice			
	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			
		W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-DIELDIN				
					W-CT-CL-R				
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice			

RQ-2021-03-29-75

Collected By: Nicole Reistad, Chris Hormuth



CHAIN OF CUSTODY RECORD

Project #
(Lab Use Only)

Client Florida Dept. of Environmental Protection

Address 2600 Blairstone Rd. Tallahassee, FL 32399

Phone 239-344-5719

Fax

Report To: DEP-OverflowMicro@dep.state.fl.us

Bill to: Carina Tull

P.O. # LAB #B76803

Preservative: HCL = H, HNO₃ = N, Na₂S₂O₃ = ST

H₂SO₄ = S, NaOH = SH, NH₄Cl = NH

Project Name: Billy Creek

Project Location: Lee

Customer Type: FDEP - South ROC

Kit #:

Requested Due Date:

Sampled By (PRINT) <u>Nicole Reistad</u>					Preservatives					Analysis Requested										Sample ID # (Lab Use Only)
Sampler Signature <u>Nicole Reistad</u>					Sample					E. coli	Enterococci	Fecal Coliforms								
Matrix	Sample Description	Date	Time	Type	T	Ice	S													
F	G3SD0203	03/25/21	0815	Grab		X					X	X								
F	G3SD0196	03/25/21	0840	Grab		X					X	X								
F	G3SD0197	03/25/21	0900	Grab		X					X	X								
F	G3SD0198	03/25/21	0920	Grab		X					X	X								
F	G3SD0199	03/25/21	1000	Grab		X					X	X								
F	G3SD0200	03/25/21	1030	Grab		X					X	X								
Bottle Lot #		Relinquished By/Affiliation			Date	Time	Accepted By/Affiliation			Date	Time									
		<u>Nicole Reistad</u>			03/25/21															
Samples are ambient water		Client Initial: <u>FDEP-SROC</u>																		
RQ-2020-03-29-75		Samples On Ice																		
		Yes No																		