

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 5/4/2022
Customer: SO-DIST
RQ: RQ-2022-05-02-67
Collected By: Thomas Baker, William Mullen
Sampling Agency: FDEP
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
Tippecanoe Bay South	 G3SD0217
Myakka River West	 G3SD0219
MYAKKA CUTOFF (WESTERN PORTION)	 G3SD0073
Myakka River East	 G3SD0220
TRAILER PARK CANAL	 G3SD0072
Tippecanoe Bay North	 G3SD0218
FB	 FB_05042022

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 5/4/2022 1500
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-05-02-67	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0217	Comments:

Location:
Location: Tippecanoe Bay South

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 (PPTH						
5/4/2022 945	5.84	82.6	26.3	7.77	0.3	1.05	1.05	38304	24.3						
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			<2						
		Lot #				Exp:									
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice			<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)		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		Formalin Lot #		Formalin									
Periphyton (PT-50ML)		ALGAE-ID				Ice									
Microbiology (Contract Lab Bottle)		E Coli		X	F Coli		X	Enterococci				x		Ice	
		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-2022-05-02-67	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0219	Comments:

Location:**Location:** Myakka River West

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)
5/4/2022 1030	5.54	79	27.5	7.68	0.3	1.4	1.4	33980	21.25

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	D	
		Lot #		SA1308030	Exp:	12/01/22							
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	D		
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-BR-IC / W-F / W-TSS / TURBIDITY				X	Ice			1	D		
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #				Formalin						
Periphyton (PT-50ML)		ALGAE-ID					Ice						
Microbiology (Contract Lab Bottle)		E Coli	X	F Coli	X	Enterococci	X	Ice			2	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						



RQ-2022-05-02-67	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0073	Comments:

Location:
Location: MYAKKA CUTOFF (WESTERN PORTION)

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)									
5/4/2022 925	3.77	55.7	27.1	7.59	0.3	1.05	1.05	44780	28.89									
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 #		SA1308030		Exp:		12/01/22										
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 #												
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-Cl-IC / W-COLOR / W-SO4-IC / W- TDS					Ice										
Physical/Aggregate (Marine) (P-1L)		X	Alkalinity / W-BR-IC / 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		X	F Coli		X	Enterococci		x					Ice		2	B
		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		X	W-PSNP-TQ		x	Ice	MCAA Exp.	MCAA Lot#	2	B			
		W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)			W-CT-CL-R										
		X	W-TR-SQ-R			W-PCB-TQ-R												
Phytoplankton			DTY-QN-C			PKD-QN-BV				Ice								



RQ-2022-05-02-67	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0220	Comments:

Location:**Location:** Myakka River East

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 (PPTH)
5/4/2022 1044	5.25	74.4	27.4	7.66	0.3	1.4	1.4	33672	21.04

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 #						
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-BR-IC / 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 X F Coli X Enterococci	x Ice				2	C
	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-2022-05-02-67	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0072	Comments:

Location:
Location: TRAILER PARK 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 (PPTH							
5/4/2022 1110	6.52	95.8	27.4	7.95	0.3	0.7	0.7	41690	26.68							
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*			
		Lot #		NA1105100		Exp:		06/07/22		X	<2	1	A			
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-BR-IC / 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			Enterococci	Ice							
		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		X	W-PSNP-TQ		x	Ice	MCAA Exp.	MCAA Lot#	4	A	
		W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)			W-CT-CL-R								
		X	W-TR-SQ-R			W-PCB-TQ-R										
Phytoplankton		DTY-QN-C			PKD-QN-BV				Ice							

WIN ID/Field ID:  WIN ID/Field ID: G3SD0218	Comments:
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Location: Tippecanoe Bay North

(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									
5/4/2022 955	4.19	61.6	27.9	7.74	0.3	0.8	0.8	40440	25.77									
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 #		SA1308030		Exp:		12/01/22										
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 #												
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-IC / W-COLOR / W-SO4-IC / W- TDS					Ice										
Physical/Aggregate (Marine) (P-1L)		X	Alkalinity / W-BR-IC / 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		X	F Coli		X	Enterococci		x					Ice		2	B
		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		X	W-PSNP-TQ		x	Ice	MCAA Exp.	MCAA Lot#	2	B			
		W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)			W-CT-CL-R										
		X	W-TR-SQ-R			W-PCB-TQ-R												
Phytoplankton			DTY-QN-C			PKD-QN-BV				Ice								



RQ-2022-05-02-67	Collected By: Thomas Baker, William Mullen
Customer: FDEP	Field Report Prepared by: Thomas Baker, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: FB_05042022	Comments:

Location:
Location: FB

Matrix: DI Water (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											
5/4/2022 1135																				
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 #		SA1308030		Exp:		12/01/22												
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)		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)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY						X	Ice					1	E					
Macroinvertebrates (PJ-2L)		MI-FW-QLDC		Formalin Lot #					Formalin											
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)		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											

4.2 °C

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

BEAS Sample Receipt Temp. 41.2
Checked at Benchmark EA South E85086
With Temperature Gun ID #7

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

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

Project Name: RQ-2021-2022-05-02-67
Project Run/Location: Clearlake Harbor Snp

Laboratory Submission #:

522050083

Station ID	Surface Water Sample Matrix* (Fresh / Marine)	Enterococci E.coli (SM9223B Quantitray)	Laboratory Sample #
	Sample Type		
		E Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL	
G73SD 0073	F / M / Grab	E. coli / Enterococci / Fecal coliform	0928
G73SD 0217	F / M / Grab	E. coli / Enterococci / Fecal coliform	0945
G73SD 0218	F / M / Grab	E. coli / Enterococci / Fecal coliform	0955
G73SD 0219	F / M / Grab	E. coli / Enterococci / Fecal coliform	1030
G73SD 0220	F / M / Grab	E. coli / Enterococci / Fecal coliform	1045
G73SD 0072	F / M / Grab	E. coli / Enterococci / Fecal coliform	1110
	F / M / Grab	E. coli / Enterococci / Fecal coliform	
	F / M / Grab	E. coli / Enterococci / Fecal coliform	
	F / M / Grab	E. coli / Enterococci / Fecal coliform	
	F / M / Grab	E. coli / Enterococci / Fecal coliform	
	F / M / Grab	E. coli / Enterococci / Fecal coliform	

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

Comarizer Type[®] is used to indicate whether the container is plastic (P) or glass (G). 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.

התקנת מערכת התחבורה הציבורית

label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.

Information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name

containing preservative may be rinsed with appropriate sample prior to collection.

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

or:

Bill Lee

Signature: _____

ished by:

10

ished by:

ence of.

[Illegible text]

ished by:

© 2000 Blackwell Science Ltd

.....

ished by:

... of ...

1. The first step in the process of identifying a problem is to recognize that a problem exists. This involves gathering information about the situation and identifying the specific issue that needs to be addressed.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS temperature: 4.2°C