

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>10/31/2022</u> Customer: <u>SO-DIST</u> RQ: <u>RQ-2022-10-31-33</u>	Collected By: <u>Nicole Reistad, Monica Jaeger</u> Sampling Agency: <u>FDEP</u> Project ID: <u>SMP</u>
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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
TRAILER PARK CANAL	 G3SD0072
MYAKKA CUTOFF (WESTERN PORTION)	 G3SD0073
Tippecanoe Bay South	 G3SD0217
Tippecanoe Bay North	 G3SD0218

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/31/2022

1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected

Date:



RQ-2022-10-31-33	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0072	Comments: Microbiology sample(s) submitted to contract laboratory.

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 (PPT)				
10/31/2022 935	5.21	69.4	26.7	7.41	0.3	0.6	0.6	19591	11.63				
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*			<2			
		Lot #		NA1286110		Exp:		11/16/22		1	A		
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-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	X	F Coli	X	Enterococci							
		Contract Lab				X Ice				2	A		
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR		PCR-DG3							
		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	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							
DOC		W-DOC		Field Filtered 0.45 um Filter		Ice		H2SO 4*		<2			
				Acid Preservative Expiration Date									
				Acid Preservative Lot Number									



RQ-2022-10-31-33	Collected By: Nicole Reistad, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Monica Jaeger
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0073	Comments: Microbiology sample(s) submitted to contract laboratory.

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)									
10/31/2022 955	5.89	77.8	26.1	7.46	0.3	0.8	0.9	20131	11.99									
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 #		SA2145160		Exp:		06/02/23										
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)	X	CHLSUITE-W				X	Ice					1	B					
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)	X	Alkalinity / 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			2	B						
	X	Contract Lab					Ice											
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		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											
DOC		W-DOC		Field Filtered 0.45 µm Filter			Ice			<2								
				Acid Preservative Expiration Date														
				Acid Preservative Lot Number														

WIN ID/Field ID:  WIN ID/Field ID: G3SD0217	Comments: Microbiology sample(s) submitted to contract laboratory.
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Location: Tippecanoe Bay South

Matrix: Marine	(Check One) ☒ Grab ☐ Composite
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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)
10/31/2022 1015	5.04	66.4	26.1	7.39	0.3		1.3	19765	11.76

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			X	F Coli			X	Enterococci		x	Ice					2	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		H2SO4*		<2						
			Acid Preservative Expiration Date																	
			Acid Preservative Lot Number																	

WIN ID/Field ID:  WIN ID/Field ID: G3SD0218	Comments: Microbiology sample(s) submitted to contract laboratory.
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Location: Tippecanoe Bay North

Matrix: Marine	(Check One) ☒ Grab ☐ Composite
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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)
10/31/2022 1030	4.87	64.8	26.9	7.37	0.3	0.8	1	18158	10.7

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 #		SA2145160		Exp:		06/02/23													
Metals (P-500ML)		W-ICPMS			W-ICP			W-HARD			Ice		HNO3*		<2					
	Lot #				Exp:															
Filtered Nutrients (P125ML)		W-PO4-F			Field Filtered 0.45 um 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-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	
	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		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										
DOC		W-DOC			Field Filtered 0.45 um Filter				Ice		H2SO4*		<2							
	Acid Preservative Expiration Date																			
	Acid Preservative Lot Number																			

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

BEAS Sample Receipt Temp. 1.8
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@dep.state.fl.us

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

Project Name: RQ-2021-

Project Run/Location: SWP: Charlotte Harbor

Laboratory Submission #:

522100783

Station
ID

Surface Water
Sample Matrix*
(Fresh / Marine)
Sample Type

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

E Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL

G3SD 0072

F / (M) / Grab

E. coli / (Enter) / Fecal coliform

Date & Time: 10/31/22 935

G3SD 0073

F / (M) / Grab

E. coli / (Enter) / Fecal coliform

Date & Time: 10/31/22 955

G3SD 0217

F / (M) / Grab

E. coli / (Enter) / Fecal coliform

Date & Time: 10/31/22 1015

G3SD 0218

F / (M) / Grab

E. coli / (Enter) / Fecal coliform

Date & Time: 10/31/22 1033

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

F / M / Grab

E. coli / Entero / Fecal coliform

Date & Time:

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 (SDMNT), or sludge (SLDG).

Container 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.

- Instructions:
1. Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
 2. 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.
 3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
 4. The client is responsible for documentation of the sampling event. Please note special sampling events on this sample custody form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 1.8°C

1	Collector: <u>Monica Jaeger</u>	Date: <u>10/31/22</u>	Time: <u>1432</u>	Received By: <u>Melinda Merchant</u>	Date: <u>10/31/22</u>	Time: <u>1432</u>
2	Relinquished by:	Date:	Time:	Received By: <u>Melinda Merchant - BEAS</u>	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: