

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 12/13/2023
Customer: SO-DIST
RQ: RQ-2023-12-11-38

Collected By: Nicole Reistad, Other
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
BRANDYBRANCHATNWLILYCORD	 G3SD0201
LAKE MYAKKA (UPPER) AT MIDDLE	 G3SD0133
LAKE MYAKKA (LOWER) AT MIDDLE	 G3SD0107

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/13/2023

1400 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected

Date:

RQ-2023-12-11-38	Collected By: Nicole Reistad, Other
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Other
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G3SD0201	Comments: Microbiology sample(s) submitted to contract laboratory.
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Location: BRANDYBRANCHATNWLILYCORD

Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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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)
12/13/2023 925	3.49	35.7	16.4	4.96	0.3	0.5	0.8	201.4	0.1

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)	X	E Coli			F Coli			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		x	Ice	MCAA Exp.	MCAA Lot#	4	A		
	X	W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R									
		W-TR-SQ-R			X	W-PCB-TQ-R											
Phytoplankton (BP-1L)		DTY-QN-C				PKD-QN-BV				Ice							
DOC (P-500ML)		W-DOC				Field Filtered 0.45 um Filter				Ice		H2SO 4*		<2			
	Acid Preservative Expiration Date																
	Acid Preservative Lot Number																



RQ-2023-12-11-38	Collected By: Nicole Reistad, Other
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Other
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 	Comments:
WIN ID/Field ID: G3SD0133	

Location: LAKE MYAKKA (UPPER) AT MIDDLE

Matrix: Fresh

(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)
12/13/2023 1100	9.48	98.1	17	5.99	0.3	0.2	0.6	511	0.25

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	B	
	Lot #		SA3193140		Exp:	07/31/2024									
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							
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS					X	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			F Coli			Enterococci							
		Contract Lab						Ice							
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		X	Ice	MCAA Exp.	MCAA Lot#	2	B	
	X	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R								
		W-TR-SQ-R		X	W-PCB-TQ-R										
Phytoplankton (BP-1L)		DTY-QN-C			PKD-QN-BV				Ice						
DOC (P-500ML)		W-DOC			Field Filtered 0.45 um Filter				Ice		H2SO4*		<2		
	Acid Preservative Expiration Date														
	Acid Preservative Lot Number														

RQ-2023-12-11-38	Collected By: Nicole Reistad, Other
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Other
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G3SD0107	Comments:
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Location: LAKE MYAKKA (LOWER) AT MIDDLE

Matrix: Fresh

(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 _h)
12/13/2023 1220	9.61	101.1	17.8	6.81	0.25	0.2	0.5	441.9	0.21

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	C						
	Lot #		SA3193140		Exp:		07/31/2024														
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	C			
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS						X	Ice								1	C			
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			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 (BP-1L)		DTY-QN-C			PKD-QN-BV					Ice											
DOC (P-500ML)		W-DOC			Field Filtered 0.45 um Filter					Ice		H2SO 4*		<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. 21 °C
Checked at Benchmark EA South E85086
With Temperature Gun ID #7

Client Name: FDDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: (239) 344-5718
Email: dep-overflowmicro@dep.state.fl.us
Bill to: Frances Moore
P.O. #: Lab CIEFCB

Project Name: RQ-2023-12-11-38
Project Run/Location: Mya Vka

Station ID

Surface Water Sample Matrix²
(Fresh / Marine)
Sample Type

Enterococci
E.coli (SM9223B Quantitray)

Laboratory Sample #

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

G3SD0201	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time: 12/13/23 9:25	1
G3SD0133 EA	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time:	
G3SD0107 EA	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:	
	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:	

Laboratory Sample Acceptability:
pH < 2 : 0 BEAS Temperature: 9.1°C

- Sample Type¹ is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
Sample Matrix² 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).
Collection Type³ 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.
Indicate:
1. Each 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.
2. All bottles not containing preservative may be mixed with appropriate sample prior to collection.
3. The client is responsible for documentation of the sampling event. Please use special sampling events on the sample custody form.

1	Collector: <u>Emily Ottumwa</u>	Date: 12/13/23	Time: 1:34	Received By: <u>Melinda Merchant</u>	Date: 12/13/23	Time: 1:34
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: