

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/9/2023
Customer: SO-DIST
RQ: RQ-2023-08-07-58
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: 8/9/2023 1500

EST



THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected

Date:



RQ-2023-08-07-58	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.

Location: BRANDYBRANCHATNWLILYCORD

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)				
8/9/2023 900	1.71	21.4	26.9	4.01	0.3	0.4	0.8	361.7	0.17				
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-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			1	B			
	X	Contract Lab											
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X	PCR-DG3		1	B		
	X	PCR-GULL2		PCR-GFD			X	Ice					
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		MCAA Exp.	MCAA Lot#	4	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 µm Filter		Ice		H2SO4*	<2				
				Acid Preservative Expiration Date									
				Acid Preservative Lot Number									



RQ-2023-08-07-58	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 (PPTH)						
8/9/2023 1030	5.43	75.1	32.5	6.09	0.3	0.3	0.6	692	0.33						
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 #		SA3013020		Exp:		01/25/2024							
Metals (P-500ML)		W-ICPMS		W-ICP			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								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			MCAA Exp.	MCAA Lot#	2	C			
	X	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R						Ice		
		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-2023-08-07-58	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)
8/9/2023 1250	7.04	99.1	33.9	6.01	0.2	0.4	0.4	661	0.31

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	A						
	Lot #		SA3013020		Exp:		01/25/2024														
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	A			
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	A			
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

Client Name: FDEP
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 C00EF5

Project Name: RQ-2023-08-07-58

Project Run/Location: Nyakka

Laboratory Submission #:

Station ID	Surface Water Sample Matrix ² (Fresh / Marine)	Sample Type	Enterococci		Laboratory Sample #
			E.coli (SM9223B Quantitray)		
Q3SD0201	F / M / Grab	F / M / Grab	E. coli / Enterococci	Date & Time: 08/09/23 0900	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
			E. coli / Enterococci	Date & Time:	
E.Coli = 250 mL ; Enterococci = 120 mL ; Fecal Coliform = 120 mL					

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), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).

³ "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 4°C (41°F). Under "Preservative," list any preservatives that were added to the sample container.

⁴ Each bottle has a label identifying sample ID, preservative, volume, and date. The sample ID, client ID, and parameters for analysis.

⁵ 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.

⁶ All bottles not containing preservative may be used with appropriate sample prior to collection.

⁷ The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature: 2.8°C

Collector:	Date: 08/09/23	Time: 1422
Relinquished by:	Date:	Time:
Relinquished by:	Date:	Time:
Relinquished by:	Date:	Time:
Relinquished by:	Date:	Time:

BEAS Sample Receipt Temp. 2.8 °C

Checked at Benchmark EA South E85086
With Temperature Gun ID #7