

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 7/7/2022
Customer: SO-DIST
RQ: RQ-2022-07-04-24
Collected By: Nicole Reistad, 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: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
LAKE MYAKKA (LOWER) @ MIDDLE	 G3SD0107
LAKE MYAKKA (UPPER) @ MIDDLE	 G3SD0133
FB	 FB_07072022
SOUTH CREEK @ HONORE AVE	 G3SD0090

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/7/2022 1500
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected
Date:



RQ-2022-07-04-24	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0107	Comments:

Location:
Location: LAKE MYAKKA (LOWER) @ MIDDLE

Matrix: Fresh (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										
7/7/2022 1020	5.74	76.8	30.3	6.45	0.3	0.5	0.7	653	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 #		SA131766		Exp:		12/01/22											
Metals (P-500ML)		X	W-ICPMS		X	W-ICP		X	W-HARD		X	Ice	X	HNO3*		X	<2	1	A
		Lot #		NA105100		Exp:		06/07/22											
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter				X	Ice				1	A			
		Filter Lot #		17347262		Syringe Lot #		1363442											
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)		X	W-E8321-DI		X	W-E8321-MS				X	Ice				1	A			
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											
		W-TR-SQ-R			W-PCB-TQ-R														
Phytoplankton			DTY-QN-C			PKD-QN-BV					Ice								



RQ-2022-07-04-24	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0133	Comments:

Location:**Location:** LAKE MYAKKA (UPPER) @ MIDDLE

Matrix: Fresh

(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)						
7/7/2022 1355	6.56	90.9	32.6	6.6	0.3	0.6	0.9	667	0.32						
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 #		SA131766		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								
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)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ	X	Ice	MCAA Exp.	MCAA Lot#	8	C		
	X	W-PCL-TQ-R		X	W-CARB-AA (5 ml of MCAA Buffer Solution)		X							W-CT-CL-R	
	X	W-TR-SQ-R		X	W-PCB-TQ-R										
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							



RQ-2022-07-04-24	Collected By: Nicole Reistad, William Mullen
Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: FB_07072022	Comments:

Location:
Location: FB

Matrix: W-FIELD-BLANK

(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								
7/7/2022 1415																	
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-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)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ		MCAA Exp.	MCAA Lot#	6	D					
	X	W-PCL-TQ-R	X	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R										
	X	W-TR-SQ-R		X	W-PCB-TQ-R												
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice											



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Customer: FDEP	Field Report Prepared by: Nicole Reistad, William Mullen
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0090	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:**Location:** SOUTH CREEK @ HONORE AVE

Matrix: Fresh

(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					
7/7/2022 1515	4.69	63.5	31.1	7.16	0.2	0.4	0.4	1055	0.52					
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 #										
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	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		DTY-QN-C			PKD-QN-BV				Ice					

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

BEAS Sample Receipt Temp.

42 °C

Client Name: FDEP

Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399

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

Phone: (239) 344-5719

Email: dep-overflowmicro@dep.state.fl.us

Project Name: RQ-2021

Checked at Benchmark EA South E85086

Station ID

With Temperature Gun ID #7

Laboratory Submission #:

522070155

Project Run/Location: SYP: Muckee

Station ID

Enterococci
E.coli (SM9223B Quantitray)

Laboratory Sample #

Surface Water
Sample Matrix
(Fresh / Marine)

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

F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time: 07/02/22 1515	1
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:	

Sample Type is used to indicate whether the sample was in 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), salt surface water (SSW), soil sediment (SDMNT), or sludge (SLDGL).

Container Type is used to indicate whether the container is plastic (P) or glass (G). The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Preservative is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), salt surface water (SSW), soil sediment (SDMNT), or sludge (SLDGL).

1. Each bottle has a label identifying sample ID, preservative used, container 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 stored with appropriate sample prior to collection.

4. 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: 14.1°C

Collector: <u>D. Allen Muckee</u>	Date: <u>07/02/22</u>	Time: <u>1600</u>	Received By: <u>Melinda Merchant</u>	Date: <u>07/02/22</u>	Time: <u>1600</u>
Relinquished by:	Date:	Time:	Received By:	Date:	Time:
Relinquished by:	Date:	Time:	Received By:	Date:	Time:
Relinquished by:	Date:	Time:	Received By:	Date:	Time: