

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/10/2021 **Collected By:** Nicole Reistad, William Mullen
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2021-07-26-63 **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 Francis	 G4SD0187
Lake June In Winter	 G4SD0186
PlacidJuneCnl@LkeGrvsRd	 G4SD0209
Lake Placid @ Center	 G4SD0191

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/10/2021
1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2021-07-26-63	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: G4SD0187	Comments:

Location:
Location: Lake Francis

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									
8/10/2021 1015	8.26	110.9	30.835	8.2	0.3	1.7	5.3	170.7	0.08									
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 #		SA1105060		Exp:		03/30/22										
Metals (P-500ML)			W-ICPMS			W-ICP			W-HARD			Ice		HNO3*		<2		
		Lot #				Exp:												
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter			x	Ice			1	B				
		Filter Lot #		17162587														
		Syringe Lot #		0079931														
Chlorophyll (BP-1L)		X	CHLSUITE-W				X	Ice		1	B							
Physical/Aggregate (Fresh) (P-1L)		X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS				X	Ice		1	B							
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			W-PSNP-TQ		Ice								
		W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R										
Phytoplankton		DTY-QN-C			PKD-QN-BV				Ice									



RQ-2021-07-26-63	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: G4SD0186	Comments:

Location:
Location: Lake June In Winter

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)										
8/10/2021 1200	8.11	109.4	31.11	7.99	0.3	1.6	7.9	165.8	0.08										
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 #		SA1105060		Exp:		04/30/22											
Metals (P-500ML)			W-ICPMS			W-ICP			W-HARD			Ice		HNO3*			<2		
		Lot #				Exp:													
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter				x	Ice					1	B		
		Filter Lot #		17162587															
		Syringe Lot #		0079931															
Chlorophyll (BP-1L)		X	CHLSUITE-W				X	Ice				1	B						
Physical/Aggregate (Fresh) (P-1L)		X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS				X	Ice				1	B						
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			W-PSNP-TQ		Ice									
		W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R											
Phytoplankton		DTY-QN-C			PKD-QN-BV					Ice									



RQ-2021-07-26-63	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: G4SD0209	Comments:

Location:
Location: PlacidJuneCnl@LkeGrvsRd

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)								
8/10/2021 1240	3.17	40.8	28.48	5.85	0.15	0.3	0.3	108.5	0.05								
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 #		SA1105060		Exp:		04/30/22										
Metals (P-500ML)		W-ICPMS			W-ICP		W-HARD		Ice		HNO3*		<2				
	Lot #				Exp:												
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter		x	Ice				1	A				
	Filter Lot #		17162587														
	Syringe Lot #		0079931														
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-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)	X	E Coli			F Coli		Enterococci	x						Ice		1	A
	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								
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R											
Phytoplankton		DTY-QN-C			PKD-QN-BV				Ice								



RQ-2021-07-26-63	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: G4SD0191	Comments:

Location:
Location: Lake Placid @ Center

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)							
8/10/2021 1315	8.44	114.1	31.2	8.21	0.3	1.1	10.7	135.8	0.06							
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 #		SA1105060		Exp:		04/30/22								
Metals (P-500ML)			W-ICPMS			W-ICP			Ice		HNO3*			<2		
		Lot #				Exp:										
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter		x	Ice					1	B	
		Filter Lot #		17162587												
		Syringe Lot #		0079931												
Chlorophyll (BP-1L)		X	CHLSUITE-W				x	Ice					1	B		
Physical/Aggregate (Fresh) (P-1L)		X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS				x	Ice					1	B		
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			W-PSNP-TQ		Ice						
		W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-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. 51 °C

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
(239) 344-5719
dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab B77880-
05341

Project Name: RQ-2020-07-26-63
Project Run/Location: SMR 81418 Lakes

Checked at Benchmark EA South E85088
With Temperature Gun ID #7

2021 07-26-63

Laboratory Submission #:

521080260

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

64500209	81418 Lake	F / M / Grab	E.coli	Entero	F.coli	Date & Time: 08/14/21 1240	1
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	
		F / M / Grab	E.coli	Entero	F.coli	Date & Time:	

* 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 (SDM/ST), or sludge (SLDG).

1. Each bottle has a label identifying sample ID, unopened preservation container, sample type, clean ID, and parameters for analysis.

2. The following information should be added to each bottle label after collection and preservation: date and time of collection, sample ID, name or initials, and any field number or ID.

3. All bottles containing preservative may be stored with appropriate sample prior to collection.

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

Laboratory Sample Acceptability:

pH < 10 BEAS Temperature: 5.6°C

1	Collector: Nick Ristad	Date: 08/14/21	Time: 1533	Received By: Mariana Merchant	Date: 08/14/21	Time: 1533
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: