

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/27/2021
Customer: SO-DIST
RQ: RQ-2021-04-26-49

Collected By: Nicole Reistad, Chris Hormuth
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

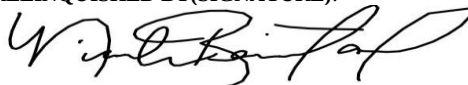
Number of Coolers Shipped: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Lake Placid @ Center	 G4SD0191
PlacidJuneCnl@LkeGrvsRd	 G4SD0209
Lake June In Winter	 G4SD0186
Lake Francis	 G4SD0187
JacksonCreek@Weir	 G4SD0204

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/27/2021

1355

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**

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

BEAS Sample Receipt Temp. 4.6 °C

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

Client Name: FDEP

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

Phone: (850) 245-8085

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

Bill to: Frances Moore
P.O. #: Lab B16970

Project Name: RQ-2020-04-26-49

Project Run/Location: Placid Lakes

Laboratory Submission #:

521040780

Project Run/Location: <u>LAKE LAHAR</u>	Station ID	Surface Water Sample Matrix ² (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray)			Laboratory Sample #
			E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL			
G4SD0209	(F) M / Grab	(E.coli / Entero / F.coli	Date & Time:	04/27/2021 1130	1	
G4SD0204	(F) M / Grab	(E.coli / Entero / F.coli	Date & Time:	04/27/2021 1300 1355 NR	2	
	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:			

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 (SDMT), or sludge (SLOG).

³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).

⁴ 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 used 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 < 2 : 0 BEAS Temperature: 4.6 °C

1	Collector: <u>[Signature]</u>	Date: 04/27/21	Time: 1547	Received By: <u>[Signature]</u>	Date: 4/27/21	Time: 1547
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:



RQ-2021-04-26-49	Collected By: Nicole Reistad, Chris Hormuth
Customer: FDEP	Field Report Prepared by: Nicole Reistad, Chris Hormuth
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G4SD0191

Location: Lake Placid @ Center

Matrix: Fresh

Comments: Duplicate Group D
FIELD ID: G4SD0191_DUP
Sample Time 1100:
W-E8321-DI
W-E8321-MS

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. @	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
4/27/2021 1055	8.54	104	25.3	7.81	0.3	1.1	13	133.9	0.06

Central Lab please use top row for login purposes

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 #				Exp:											
Metals (P-500ML)			W-ICPMS			W-ICP			Ice			HNO3*			<2		
		Lot #				Exp:											
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 um Filter			X	Ice				1	A		
		Filter Lot #		17162587													
		Syringe Lot #		118593													
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					Ice									
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; 1	A; D
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI			W-E8321-MS			W-PSNP-TQ				Ice					
							W-DIELDRIN										
		W-PCL-SQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R									
Phytoplankton			DTY-QN-C			PKD-QN-BV			Ice								



RQ-2021-04-26-49

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad, Chris Hormuth

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0209

Location: PlacidJuneCnl@LkeGrvsRd

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH						
4/27/2021 1130	3.9	46	23.6	5.52	0.05	0.1	0.1	121.2	0.06						
Central Lab please use top row for login purposes															
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 #				Exp:										
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 um Filter			X	Ice			1	B		
	Filter Lot #		17162587												
	Syringe Lot #		118593												
Chlorophyll (BP-1L)	X	CHLSUITE-W					X	Ice	1			B			
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			B			
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY						Ice							
Macroinvertebrates (PJ-2L)		MI-FW-QLDC						Ice							
Periphyton (PT-50ML)		ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli	X	Enterococci	X	Ice			1	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			W-PSNP-TQ		Ice						
							W-DIELDRIN								
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R								
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							

RQ-2021-04-26-49

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0186

Comments:

Location: Lake June In Winter

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)							
4/27/2021 1210	8.11	99.5	25.7	7.2	0.3	1.3	9.4	167.6	0.08							
Central Lab please use top row for login purposes																
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 #			Exp:											
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 #		18953												
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								
Physical/Aggregate (Marine) (P-1L)			Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY					Ice								
Macroinvertebrates (PJ-2L)			MI-FW-QLDC					Ice								
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			W-PSNP-TQ	Ice							
		W-PCL-SQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-DIELDRIN								
Phytoplankton			DTY-QN-C			PKD-QN-BV			Ice							

RQ-2021-04-26-49

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0187

Comments:

Location: Lake Francis

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h						
4/27/2021 1300	7.93	98.2	26.3	7.6	0.3	1.2	5.7	172.4	0.08						
Central Lab please use top row for login purposes															
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 #				Exp:										
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	C		
	Filter Lot #		17162587												
	Syringe Lot #		118593												
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-BR-IC / W-F / W-TSS / TURBIDITY						Ice							
Macroinvertebrates (PJ-2L)		MI-FW-QLDC						Ice							
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-DIELDRIN									
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R									
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							

RQ-2021-04-26-49

Collected By: Nicole Reistad, Chris Hormuth



Customer: FDEP

Field Report Prepared by: Nicole Reistad, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0204

Comments: Microbiology sample(s) submitted to contract laboratory

Location: JacksonCreek@Weir

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)						
4/27/2021 1355	11.11	143.1	28.5	7.22	0.2	0.3	0.4	107.6	0.05						
Central Lab please use top row for login purposes															
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 #		Exp:											
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							
		Filter Lot #		1718											
		Syringe Lot #		118953											
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-BR-IC / W-F / W-TSS / TURBIDITY					Ice								
Macroinvertebrates (PJ-2L)		MI-FW-QLDC					Ice								
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)		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-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-DIELDIN								
							W-CT-CL-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV					Ice						