

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 9/26/2022 Customer: SO-DIST RQ: RQ-2022-09-19-59	Collected By: Thomas Baker, Monica Jaeger Sampling Agency: FDEP Project ID: SMP
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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
Gopher Gully At US27	 G4SD0216
LakePlacidOutletAtSR70W	 G4SD0213
Lake Placid @ Center	 G4SD0191
PlacidJuneCnl@LkeGrvsRd	 G4SD0209
Lake June In Winter	 G4SD0186

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 9/26/2022
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:
**Rec'd/Inspected
Date:**

WIN ID/Field ID: 
WIN ID/Field ID: G4SD0216

Location: Gopher Gully At US27

(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)							
9/26/2022 925	0.23	2.9	26.2	5.85	0.2	0.2	0.4	140	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	A			
	Lot #		SA2145160		Exp:	06/02/23										
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)	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)	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	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		DTY-QN-C			PKD-QN-BV			Ice								
DOC		W-DOC			Field Filtered 0.45 µm Filter			Ice		H2SO 4*	<2					
	Acid Preservative Expiration Date															

			Acid Preservative Lot Number					
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WIN ID/Field ID: 
WIN ID/Field ID: G4SD0213

Location: LakePlacidOutletAtSR70W

(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					
9/26/2022 955	1.51	18.5	25.2	5.34	0.3	0.5	0.7	120.3	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	A	
	Lot #		SA2145160		Exp:	06/02/23								
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)	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)	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	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		DTY-QN-C			PKD-QN-BV			Ice						
DOC		W-DOC			Field Filtered 0.45 µm Filter			Ice		H2SO 4*	<2			
	Acid Preservative Expiration Date													

			Acid Preservative Lot Number					
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WIN ID/Field ID:  WIN ID/Field ID: G4SD0191	Comments:
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Location: Lake Placid @ Center

(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)							
9/26/2022 1015	7.96	104.2	29.5	7.47	0.3	1.2	13.8	138	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 #		SA2145160		Exp:		06/02/23								
Metals (P-500ML)			W-ICPMS			W-ICP			W-HARD			Ice		HNO3*		
		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		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-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		DTY-QN-C			PKD-QN-BV				Ice							
DOC		W-DOC			Field Filtered 0.45 um Filter				Ice		H2SO 4*		<2			
				Acid Preservative Expiration Date												

			Acid Preservative Lot Number					
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RQ-2022-09-19-59	Collected By: Thomas Baker, Monica Jaeger
Customer: FDEP	Field Report Prepared by: Thomas Baker, Monica Jaeger
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4SD0209	Comments: Microbiology sample(s) submitted to contract laboratory.

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 (PPTH
9/26/2022 1045	3.23	41.2	27.1	6.21	0.1	0.2	0.2	120	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	A	
		Lot #		SA2145160	Exp:	06/02/23							
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			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)	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	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		DTY-QN-C		PKD-QN-BV			Ice						
DOC		W-DOC		Field Filtered 0.45 µm Filter			Ice		H2SO 4*	<2			
			Acid Preservative Expiration Date										

			Acid Preservative Lot Number					
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WIN ID/Field ID:  WIN ID/Field ID: G4SD0186	Comments:
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Location: Lake June In Winter

(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)									
9/26/2022 1115	7.82	102.6	29.5	7.39	0.3	1.8	8.7	173.3	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 #		SA2145160		Exp:		06/02/23										
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)		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-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		DTY-QN-C		PKD-QN-BV			Ice											
DOC		W-DOC		Field Filtered 0.45 µm Filter				Ice		H2SO 4*		<2						
																Acid Preservative Expiration Date		

			Acid Preservative Lot Number					
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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: (850) 245-8085 239-470-0873
Email: dep-overflowmicro@dep.state.fl.us
Bill to: Frances Moore
P.O. #: Lab Bt0970
LABORATORY

Project Name: RQ-2020

Project Run/Location: Lake Placid

Laboratory Submission #:

Station
ID

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

Sample Type	Surface Water Sample Matrix ¹ (Fresh / Marine)	E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL		Laboratory Sample #
F / M / Grab	E.coli / Entero / F.coli	Date & Time: 09/12/12 0925	0925	
F / M / Grab	E.coli / Entero / F.coli	Date & Time: 09/12/12 0955	0955	
F / M / Grab	E.coli / Entero / F.coli	Date & Time: 09/12/12 1045	1045	
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 Type is used to indicate whether the sample was a 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), saline surface water (SSW), soil, sediment (SDM/ST), or sludge (SL/DG).
Container Type is used to indicate whether the container is plastic (P) or glass (G).
Sample must be refrigerated or stored in 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.
Use/Disposal:
1. Each bottle has a label identifying sample ID, preservative used, and is 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 preservative: date and time of collection, sample ID, name or initials, and any field number or ID.
3. All bottles containing preservative may be mixed 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: 4.1°C

1	Collector: <i>M. J. J. J.</i>	Date: 09/26/12	Time: 1533	Received By: <i>Bruce K. K.</i>	Brook Watson	Date: 09/26/12	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:

BEAS Sample Receipt Temp. 4.1 °C
Checked at Benchmark EA South E85086
With Temperature Gun ID #7