

RQ- 2024-01-22-28

Login Checklist

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 01/31/24 @ 0914

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.2				3		x			648484612391
1.0				3		X			648484598956

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes X No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No X

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA X Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes X No _____

Caps on tight?

Yes X No _____

Sufficient Sample Volume:

Yes X No _____If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes _____ No X Init: BKK

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH < 2.0?

Yes X No _____ NA _____ Init: BKK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA X Init: BKK

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: BKK

Date: 01/31/24

Event contains NCRs (Y/N)? Y

Suwannee Lakes 2024

Event ID: NE-DIST-2024-01-31-01 (SMP)

Date Received: 31-JAN-2024 09:14

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/16/2024
pH Test Strips 0 – 6	Lot#223819BV Exp:8/15/24
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 Exp:3/15/24
Chlorine Test Strips	Lot#3032 Exp:8/25

Additional Comments:

sample ID 2464473 was
10:30 collection time but
was 10:15 on COC and was
entered as per paperwork

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 1/30/2024 **Collected By:** Jeremy Parrish, Haylee Brown
Customer: NE-DIST **Sampling Agency:** FDEP
RQ: RQ-2024-01-22-28 **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
PEACOCK LAKE CENTER	 21020097
LOW LAKE CENTER	 21020065

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/30/2024
1630 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Brigit French

Rec'd/Inspected

Date:

1/31/2024 0914



RQ-2024-01-22-28

Customer: FDEP

Project ID: SMP

Collected By: Jeremy Parrish, Haylee Brown

Field Report Prepared by: Jeremy Parrish, Haylee Brown

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: 21020097

Location: PEACOCK LAKE CENTER

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)
1/30/2024 1015	6.65	66.4	15.1	6.01	0.3	0.8	1.33	56.3	0.03

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 #		Sa3193140	Exp:	07/31/2024							
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD		Ice		HNO3*		<2		
		Lot #		Exp:									
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 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)		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 µm Filter			Ice	H2SO4*	<2					
	Acid Preservative Expiration Date												
	Acid Preservative Lot Number												



RQ-2024-01-22-28

Collected By: Jeremy Parrish, Haylee Brown

Customer: FDEP

Field Report Prepared by: Jeremy Parrish, Haylee Brown

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: 21020065

Comments:

Location: LOW LAKE CENTER

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)
1/30/2024 1100	9.1	90.4	11.2	6.31	0.3	0.75	5.55	54.4	0.02

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 #	Sa3193140		Exp: 07/31/2024			
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD	X Ice X HNO3*	<2	
		Lot #			Exp:			
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 µm Filter		Ice		
		Filter Lot #	Syringe Lot #					
BOD (BP-1L)	X	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 (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							

Request Number: RQ-2024-01-22-28

Suwannee Lakes 2024

Customer: NE-DIST

Project ID: SMP

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Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 3

last revised Jan 25, 2018

Requester: Jeremy M. Parrish

Field Report Prepared By:

Haley Brown

Collected By:

J Parrish

Sampling Agency:

FDEP

Location	WIN ID/Field ID:	 21020065	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☒ Grab	Date <u>1/30/24</u> Time <u>1100</u>	Central	Date _____ Time _____	(See pg 2)
WIN/S	Low Lake Center			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
				Comments <u>BDD</u>			

Location	WIN ID/Field ID:	 21020065	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date _____ Time _____	Central	Date _____ Time _____	(See pg 2)
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
				Comments			

Location	WIN ID/Field ID:	 21020065	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date _____ Time _____	Central	Date _____ Time _____	(See pg 2)
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
				Comments			

Location	WIN ID/Field ID:	 21020065	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date _____ Time _____	Central	Date _____ Time _____	(See pg 2)
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
				Comments			

Relinquished By:

Haley Brown

Date/Time

1/30/24 1600

Shipping Method

Fedex

Number of Coolers Shipped:

1

Received By:

Date/Time

Date of Request: 03-JAN-2024
Created By: PARRISH_J On: 03-JAN-2024
Modified By: JASROTIA_P On: 08-JAN-2024
Customer: NE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northeast District
Event Description: Suwannee Lakes 2024

Send Coolers To:

Phone: 904-256-1693
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish
Cooler Ship EMail: Jeremy.M.Parrish@floridadep.gov

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 04-JAN-2024
Biology Request Reviewed By: JASROTIA_P On: 08-JAN-2024
Sampling Kit Required: YES Ship on: 16-JAN-2024
Sampling Kit Shipped: YES On: 12-JAN-2024
Sampling Kit Packed By: LEBRUN_T
Preservatives Needed: NO
Date to Receive Samples: 22-JAN-2024
Logged In By:

Send Final Report To:

8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish
Report Notification EMail: Jeremy.M.Parrish@floridadep.gov

Comments: Group A:(Surf.Fresh)Nurients
sites(21020097)
Group B:(Surf.Fresh)Nutrients,BOD
21020065

****OVERFLOW BOD Eurofins/TestAmerica-Orlando****
Send additional:
- documentation
- small cooler/liner/zip tie
- temp bottle
- overnight shipping/handle tag
- Task Assignment

Packing Notes:

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2015) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2015) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
OV-BOD-UN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited at Eurofins Testamerica
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices