

Login Station ID: # 2

Date/Time of Receipt: **09/01/2022 / 09:40**[illegible]

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#** _____

Yes **X** No

Yes _____ No **X**

CONTAINER CHECK

Sufficient Sample Volume: Yes **X** No

If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

Chlorine detected? (One container checked per Field ID) Yes _____ No _____ Init: **ABS** /

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

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

W-1-4-DIOX (Green dot on container) preserved to pH<4.0? Yes _____ No _____ NA **x Init: **ABS**

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

Event ID: NW - DIST - 2022 - 09 - 01 - 01

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/19/2022
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT 207621 EXP:3/15/2024
Chlorine Test Strips	0264/11/2023/05 abs 0070 / 2023 / 02

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/31/2022
Customer: NW-DIST
RQ: RQ-2022-08-29-19

Collected By: Frank Butera, Brook Olin
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
Kings Lake	 G4NW0537
Roberts Lake	 G3NW0447
Holly Lake	 G4NW0517

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/31/2022
1630 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected
Date: 09/01/2022



RQ-2022-08-29-19

Collected By: Frank Butera, Brook Olin

Customer: FDEP

Field Report Prepared by: Frank Butera, Brook Olin

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0537

Comments:

Location:

Location: Kings Lake

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)						
8/31/2022 1005	7.13	95.5	30.5	5.22	0.3	2.6	2.6	18.1	0.01						
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:	06/02/2023									
Metals (P-500ML)	X	W-ICPMS		X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	B
	Lot #		NA1105100		Exp:	06/07/2023									
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-CH-C / 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 Coll		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									



RQ-2022-08-29-19	Collected By: Frank Butera, Brook Olin
Customer: FDEP	Field Report Prepared by: Frank Butera, Brook Olin
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3NW0447	Comments:

Location:
Location: Roberts Lake

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
8/31/2022 1218	7.35	93	27.6	5.74	0.3	1.1	1.1	21.2	0.01

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*		
		Lot # SA2145160	Exp: 06/02/2023					1	A
Metals (P-500ML)		W-ICPMS	W-ICP		Ice		HNO3*		
		Lot #	Exp:					<2	
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				
		Contract Lab							
Molecular (QPCR-P-500ML)		PCR-HF183	PCR-BacR		PCR-DG3				
		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		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				



RQ-2022-08-2919

Collected By: Frank Butera, Brook Olin

Customer: FDEP

Field Report Prepared by: Frank Butera, Brook Olin

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0517

Comments:

Location:

Location: Holly Lake

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
10/7/2022 1050	7.07	94.7	30.5	5.71	0.3	2.8	2.8	18.2	0.01

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:	06/02/2023					
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice		HNO3*		
		Lot #				Exp:				<2		
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-CI-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		DTY-QN-C		PKD-QN-BV			Ice					

Date of Request: 04-AUG-2022
 Created By: SLADE_C On: 04-AUG-2022
 Modified By: JASROTIA_P On: 10-AUG-2022
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Eastern Lakes Run

Send Coolers To:

Phone: 850-595-0567
 160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Stopher Slade
 Cooler Ship EMail: christopher.slade@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 10-AUG-2022
 Biology Request Reviewed By: JASROTIA_P On: 10-AUG-2022
 Sampling Kit Required: YES Ship on: 19-AUG-2022
 Sampling Kit Shipped: YES On: 17-AUG-2022
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 29-AUG-2022
 Logged In By: SHAIK_A On: 01-SEP-2022

Send Final Report To:

160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Myranda Butler
 Report Notification EMail:
 christopher.slade@floridadep.gov;Myranda.k.butler@floridadep.gov;

Comments:

Group A: (WBID 226, 266B) Freshwater Nutrients

Group B: (WBID 266A) Freshwater nutrients, Metals

Group C: (Field Blank) Freshwater Nutrients no Chlorophyll , Metals

Packing notes;

FedEx return packing slips

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	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-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) 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 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
W-ICP	Template: SMP-FRESH	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Strontium		
Tin		
Titanium		
Vanadium		
Zinc		
W-ICPMS	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		
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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group C (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-2011) Nonpurgeable Organic Carbon in aqueous matrices

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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
W-ICP	Template: SMP-FRESH	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Calcium
Iron
Magnesium
Potassium
Sodium
Strontium
Tin
Titanium
Vanadium
Zinc

W-ICPMS	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
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Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Chromium
Cobalt
Copper
Lead
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium

