

RQ- 2023-12-18-11

Login Checklist

Login Station ID: #3

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 12/19/23 @ 0908

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
0.3				9		x			522555453654

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: 12/19/23

Event contains NCRs (Y/N)? NEventID: Run 3
SW-DIST-2023-12-19-02 (SMP)
Date Received: 19-DEC-2023 09:08

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

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

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: 12/18/2023 **Collected By:** Megan Maloney, Ken Turman
Customer: SW-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-12-18-11 **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
MCKETHAN LAKE	 G4SW0021
LAKE LINDSAY AT CENTER	 G4SW0124
SPARKMAN LAKE AT CENTER	 G4SW0114

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/18/2023
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: Brian Krevich

Rec'd/Inspected
Date: 12/19/23 0908

RQ-2023-12-18-11 Customer: FDEP Project ID: SMP					Collected By: Megan Maloney, Ken Turman					
					Field Report Prepared by: Megan Maloney, Ken Turman					
					Sampling Agency: FDEP					
WIN ID/Field ID:					Comments:					
WIN ID/Field ID: G4SW0021										
Location: MCKETHAN LAKE										
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)	
12/18/2023 925	7.33	73.3	16.4	7.28	0.3	0.5	0.7	52.4	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	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 um 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				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		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)		Field Filtered 0.45 um Filter			Ice H2SO4*		<2			
		Acid Preservative Expiration Date								
		Acid Preservative Lot Number								



RQ-2023-12-18-11	Collected By: Megan Maloney, Ken Turman
Customer: FDEP	Field Report Prepared by: Megan Maloney, Ken Turman
Project ID: SMP	Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G4SW0124

Location: LAKE LINDSAY AT 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)					
12/18/2023 945	8.52	88.1	17	6.69	0.3	1.1	1.4	47.1	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	A	
		Lot #		SA3193140		Exp:	07/31/2024							
Metals (P-500ML)		W-ICPMS		W-ICP			Ice		HNO3*		<2			
		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					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 um Filter				Ice		H2SO4*	<2				
	Acid Preservative Expiration Date													
	Acid Preservative Lot Number													

WIN ID/Field ID: 	Comments:
WIN ID/Field ID: G4SW0114	

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 _h)							
12/18/2023 1030	7.37	77.7	17.6	6.03	0.3	0.6	1.6	98.1	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 #		SA3193140		Exp:		07/31/2024								
Metals (P-500ML)			W-ICPMS		W-ICP			Ice		HNO3*		<2				
		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	A	
Physical/Aggregate (Fresh) (P-1L)		X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-Cl / W-COLOR / W-SO4-Cl / 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 um Filter			Ice		H2SO 4*		<2					
				Acid Preservative Expiration Date												
				Acid Preservative Lot Number												

Date of Request: 09-NOV-2023
 Created By: PASWATER_B On: 09-NOV-2023
 Modified By: JASROTIA_P On: 29-NOV-2023
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: Run 3

Send Coolers To:

Phone: 813-632-7600
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Cooler Ship EMail: benjamin.paswater@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 29-NOV-2023
 Biology Request Reviewed By: JASROTIA_P On: 29-NOV-2023
 Sampling Kit Required: YES Ship on: 08-DEC-2023
 Sampling Kit Shipped: YES On: 07-DEC-2023
 Sampling Kit Packed By: LEBRUN_T
 Preservatives Needed: NO
 Date to Receive Samples: 18-DEC-2023
 Logged In By:

Send Final Report To:

13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Report Notification EMail:
 benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us
 ;Devin.Mathias@FloridaDEP.gov

Comments:**Bottle Group A (Water) With 3 Samples:**

Bottle Type: P-1L	Number of Bottles: 3	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: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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 Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L