

Login Checklist

RQ- **2022 - 11 - 21 - 09**

Login Station ID: **# 2**

Shipping Method: **FedEx | UPS | HD | Greyhound**

Date/Time of Receipt: **12/28/20022 / 10:07**

*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	
2.1C				10		X			5859 4731 7308
1.4C				4		X			5859 4731 7293
0.8C				7		X			5859 4731 7319

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/ FieldSheet(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 **x** No _____ Init: **ABS /**

Chlorine detected? (One container checked per Field ID)

Yes _____ No **x** Init: **ABS /**

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: **ABS /**

****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#** _____

Coolers Unpacked/Checked by: **ABS /**

Date: **12/28/2022**

Event contains NCRs(Y/N)? **N**

EventID: **SW - DIST 2022 - 12 - 28 - 0**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 2 EXP:10/17/2023
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/23
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT#207621 EXP:3/15/2024
Chlorine Test Strips	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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 12/27/2022 **Collected By:** Ben Paswater, Devin Mathias
Customer: SW-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-11-21-09 **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
Mustang Rch @ CR 39	 G2SW0050
Mustang Rch @ Hopewell	 G2SW0026

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/27/2022
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected 12/28/2022
Date:

WIN ID/Field ID:  WIN ID/Field ID: G2SW0050	Comments:
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Matrix: Fresh

✓ Grab

☐ Composite

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 #		SA2299040		Exp:		11/4/23									
Metals (P-500ML)	X	W-ICPMS		X	W-ICP		X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
	Lot #		NA2126030		Exp:		6/2/23									
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter			X	Ice				1	A		
	Filter Lot #	17232873		Syringe Lot #	1145497											
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 #		9.28091819TR		X	Formalin					1	B	
Periphyton (PT-50ML)		ALGAE-ID							Ice							
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli		Enterococci		X	Ice				1	A		
	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)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ		X	Ice	MCAA Exp.	MCAA Lot#	5	A		
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R										
	X	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		H2SO4*		<2				
	Add Preservative Expiration Date															
	Add Preservative Lot Number															

RQ-2022-11-21-09	Collected By: Ben Paswater, Devin Mathias
Customer: FDEP	Field Report Prepared by: Ben Paswater, Devin Mathias
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G2SW0026	Comments:
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Location: Mustang Rch @ Hopewell

Matrix: Fresh	(Check One)	☒ Grab	☐ Composite
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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)
12/27/2022 1220	10.3	100.7	14.3	7.02	0.25	0.5	0.5	222.9	0.11

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 #		SA2229010		Exp:		08/30/23									
Metals (P-500ML)	X	W-ICPMS		X	W-ICP		X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
	Lot #		NA1105100		Exp:		06/07/2023									
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter			x	Ice				1	A		
	Filter Lot #		17232873		Syringe Lot #		1145497									
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 #		9.28091819TR		x	Formalin					1	B	
Periphyton (PT-50ML)		ALGAE-ID						Ice								
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli			Enterococci		x			Ice	1	A	
	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)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ		x	Ice	MCAA Exp.	MCAA Lot#	3	A		
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R										
	X	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		H2SO4*		<2				
	Acid Preservative Expiration Date															
	Acid Preservative Lot Number															

Date of Request: 21-OCT-2022
 Created By: PASWATER_B On: 21-OCT-2022
 Modified By: JASROTIA_P On: 03-NOV-2022
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: SCI

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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 03-NOV-2022
 Biology Request Reviewed By: JASROTIA_P On: 03-NOV-2022
 Sampling Kit Required: YES Ship on: 11-NOV-2022
 Sampling Kit Shipped: YES On: 07-NOV-2022
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 21-NOV-2022
 Logged In By: SHAIK_A On: 28-DEC-2022

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
 ;Jacob.Yodzis@FloridaDEP.gov

Comments: Wahneta Drain

 W-TR-SQ-R (sunscreens)

Wash your hands thoroughly and wear gloves. Refrain from using sunscreens on the day of sample collection.

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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 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
W-HARD	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
Hardness		

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3
 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
 W-TOC Template: DEFAULT (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices
 Bottle Type: P-125ML Number of Bottles: 1 Preserved With: FILTER-ICE
 W-PO4-F Template: DEFAULT (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
 Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE
 W-PSNP-TQ Template: DEFAULT (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
 W-TR-SQ-R Template: DEFAULT (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group B (Biological) With 2 Samples:

Bottle Type: PJ-2L Number of Bottles: 4 Preserved With: Formalin
 MI-FW-QLDC Template: DEFAULT (SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.
 Bottle Type: PT-50ML Number of Bottles: 2 Preserved With: ICE
 ALGAL_ID Template: DEFAULT (SOP-AB18) Qualitative assessment of algal taxa present without counts

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.