Login Checklist

RQ-2022-10.1065 Login Station ID: 5

Shipping Method: (FedEx) UPS | HD | Greyhound Date/Time of Receipt: 10/14/22 @ 0930

*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	
6.4				4		X			5859 4729 8638

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 X No_____

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: [signature]

Chlorine detected? *(One container checked per Field ID)* Yes_____No X Init: [signature]

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: [signature]

**W-1-4-DIOX *(Green dot on container)* preserved to pH< 4.0? Yes_____No_____NA X Init: [signature]

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

Coolers Unpacked/Checked by: [signature] **Date:** 10/14/22 **Event contains NCRs (Y/N)?** N

Event ID: SW-DIST-2022-10-14-02 (SMP)
Date Received: 14-OCT-2022 09:30

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	21241820 10/19/22
pH Test Strips 0 – 6	NA
pH Paper 0 – 3	NA
pH Paper 0 – 13	210620 4/15/2023
Chlorine Test Strips	0070 02/2023

Additional Comments:

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:	10/13/2022	**Collected By:**	Ben Paswater, Devin Mathias
Customer:	SW-DIST	**Sampling Agency:**	FDEP
RQ:	RQ-2022-10-10-65	**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
Indian Creek WBID @ Tiny Ditch	G3SW0110

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 10/13/2022
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: C.P

Rec'd/Inspected Date: 10/14/2022

RQ-2022-10-10-65	**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:** G3SW0110	**Comments**: Microbiology sample(s) submitted to contract laboratory.
Location: Indian Creek WBID @ Tiny Ditch	
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
10/13/2022 1330	2.44	30.3	26.2	6.48	0.15	0.3	0.3	195.6	0.09

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # Exp:	Ice H2SO4*	<2		
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # NA1105100 Exp: 6/7/23	X Ice X HNO3*	X <2	1	A
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	Ice			
BOD (BP-1L)	OV-BODUNIN	Ice			
Chlorophyll (BP-1L)	CHLSUITE-W	Ice			
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS	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 Contract Lab	x Ice		1	A
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	W-E8321-DI W-E8321-MS	Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ x W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) X W-CT-CL-R W-TR-SQ-R X W-PCB-TQ-R	x Ice MCAA Exp.	MCAA Lot#	3	A
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			
DOC	W-DOC Field Filtered 0.45 um Filter Acid Preservative Expiration Date Acid Preservative Lot Number	Ice H2SO 4*	<2		

Benchmark EnviroAnalytical,Inc
1711 12th Street East
Palmetto, Fl 34221
941-723-9986
941-723-6061 Fax

PO#__C00EF5

Client Information: **DEP: SW-DIST**

Address: 13051 N. Telecom Parkway
Tampa FL 33604

Phone # 815-470-5878

Report to: benjamin.paswater@dep.state.fl.us
DEP-Overflomicro@dep.state.fl.us

Invoice to: FDEP Micro Overflow

Project Name: RQ-2022- 10-10-65

Laboratory Submission # 22101129

Sample Name	Sample Type[1] / Sample Matrix[2]	Collection		Container			Preservative[4]	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type[3]			
G30W0110	SW	10/13/22	1330	1	250mL	P	Plain (on Ice)	E. Coli	1
	SW				250mL	P	Plain (on Ice)		
	SW				250mL	P	Plain (on Ice)		
	SW				250mL	P	Plain (on Ice)		
	SW				250mL	P	Plain (on Ice)		
	SW				250mL	P	Plain (on Ice)		
	SW				250mL	P	Plain (on Ice)		

1 "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
2 "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 (SEDIMNT), or sludge (SLDG)
3 "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4 Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).
Under "Preservative," list any preservatives that were added to the sample container.

Instructions:
1. Each bottle has a label identifying sample ID, preassigned preservative 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 permanent black ink: date and time of collection, sampler's name or initials, and any field measures or ID.
3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:
Temperature: 0.9 °C

1	Collected / Relinquished By:	Date 10/13/22	Time 1500 1400	Received By: Nathan Hadcell	Date 10-13-22	Time 1457
2	Relinquished By:	Date	Time	Received By:	Date	Time

RQ-2022-10-10-65

Date of Request: 13-OCT-2022
Created By: PASWATER_B On: 13-OCT-2022
Modified By: JASROTIA_P On: 13-OCT-2022
Customer: SW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Southwest District
Event Description: Run 19 Sarasota

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: A
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 13-OCT-2022
Biology Request Reviewed By: JASROTIA_P On: 13-OCT-2022
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 13-OCT-2022
Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
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: No Kit Required

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
- SW-BEA-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by BEA in Palmetto

Bottle Type: BG-500ML FILL TO Number of Bottles: 4 Preserved With: ICE
- W-CT-CI-R Template: DEFAULT (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
- W-PCB-TQ-R Template: DEFAULT (EPA 8270E) PCBs in water matrices by GC/MS/MS
- W-PCL-TQ-R Template: (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

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

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

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

- Cadmium
- Chromium
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium

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