

Login Checklist

RQ- 2022-09-12-45

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 09/ 13 /2022 10:00

*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	
2.4				4		X			5225 5548 8236

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 ✓ No _____

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

Yes ✓ 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 ✓ No _____

Caps on tight?

Yes ✓ No _____

Sufficient Sample Volume:

Yes ✓ 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: NR

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 ✓ No _____ NA _____ Init: NR

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

Yes _____ No _____ NA X Init: NR

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

Coolers Unpacked/Checked by: NR

Date: 09/ 13 /2022

Event contains NCRs (Y/N)? N

EventID: SMP: Wolf Branch
SW-DIST-2022-09-13-01 (SMP)

Date Received: 13-SEP-2022 10:00

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/19/2022
pH Test Strips 0 – 6	LOT# 223819AV Exp: AUG 30, 2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 0070 Exp: Feb. 2023

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: 9/12/2022
Customer: SW-DIST
RQ: RQ-2022-09-12-45
Collected By: Ben Paswater, Devin Mathias
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
Wolf Branch @ 12th Street NE	 G1SW0129
Wolf @ US 41	 G1SW0130

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 9/12/2022
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: 

Rec'd/Inspected
Date: 9-13-2022



RQ-2022-09-12-45

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:



Comments: Microbiology sample(s) submitted to contract laboratory.

WIN ID/Field ID: G1SW0129

Location:

Location: Wolf Branch @ 12th Street NE

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 (PPT _h)						
9/12/2022 1030	5.21	65.7	27	7.09	0.3	0.5	1.1	338.5	0.16						
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 #		SA1308030		Exp:		12/01/2022							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			Ice		HNO3*		<2		
		Lot #			Exp:										
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 #				Formalin								
Periphyton (PT-50ML)		ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)	X	E Coli			F Coli			Enterococci	X			Ice	1	A	
	X	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-2022-09-12-45	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: G1SW0130	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:

Location: Wolf @ US 41

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 (PPT)			
9/12/2022 1050	2.01	24.7	25.6	6.87	0.3	0.5	0.8	361.7	0.17			
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					Ice		H2SO4*	<2			
	Lot #			Exp:								
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)	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	Ice	1	B
	X	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						

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

Client Information: DEP: SW-DIST

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5878

PO#_C00EF5

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

Invoice to: FDEP Micro Overflow

Project Name: RQ-2022-08-22-03

Laboratory Submission #

25090536

Sample Name	Sample Type / Matrix	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity			
G1SW0120	SW	9/12/22	1220	1	250mL	P	Enterob	
	SW			1	250mL	P	E. Coli	
	SW			1	250mL	P	Fecal Coli	
G1SW0121	SW		1240	1	250mL	P	Enterob	
	SW			1	250mL	P	E. Coli	
	SW			1	250mL	P	Fecal Coli	
G1SW0122	SW		1300	1	250mL	P	E. Coli	

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 in drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SED), or sludge (SLD).
³ "Sample Size" is the volume of sample collected in the container. The sample size should be at least 100 mL for grab samples and 1 L for composite samples.
⁴ Under "Preservative," the preservative that was added to the sample container.

1. Each bottle has a label identifying sample ID, preservative, and collection date and time. The label must be legible and must include the sample ID, preservative, and collection date and time.
2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sample's name or initials, and any field number or ID.
3. All bottles not containing preservative may be used only for appropriate sample prior to collection.
4. The client is responsible for determining the sample's status. Please note: sample status is not the sample's status.

Laboratory Sample Acceptability:
Temperature: 0.3

1	Collection Relinquished By:	Date	Time	Received By:	Date	Time
2	Relinquished By:	Date	Time	Received By:	Date	Time

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

Client Information: DEP: SW-DIST

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5878

PO# C00EF5

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

Invoice to: FDEP Micro Overflow

RQ - 2022-08-22-03

Project Name: RQ-2022-08-12-45

Laboratory Submission # 2090535

Sample Name	Sample Type/ Sample Matrix	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³		
G1SW0130	SW	9/12/22	1050	1	250mL	P	E. Coli	1
G1SW0129	SW	9/12/22	1030	1	250mL	P	E. Coli	2
G2SW0112	SW	9/12/22	1115	1	250mL	P	Enter	3
G2SW0139	SW	9/12/22	1130	1	250mL	P	Enter	4
G2SW0102	SW	9/12/22	1140	1	250mL	P	Enter	5
	SW			1	250mL	P		
	SW			1	250mL	P		

¹ Sample Type: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

² Sample Matrix: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "SW") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

³ Container: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

⁴ Preservative: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

⁵ Parameters for Analysis: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

⁶ Laboratory Sample #: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

⁷ Laboratory Sample Accountability: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

⁸ Temperature: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

⁹ Date: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

¹⁰ Time: It is the responsibility of the collector to ensure that the sample is properly labeled with a unique identifier (e.g., "G1SW0130") and that the sample is properly stored and handled during collection and transport. The sample must be refrigerated or stored in ice for the entire collection. The temperature during storage should be less than or equal to 4°C (40°F).

1 Collected-Relinquished By: [Signature]

2 Relinquished By: [Signature]

Date 9/12/22

Time 1355

Received By: [Signature]

Received By: [Signature]

Date 9-11-28

Time 1355

Date

Time

Date of Request: 24-AUG-2022
 Created By: PASWATER_B On: 24-AUG-2022
 Modified By: AYRES_J On: 26-AUG-2022
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: SMP: Wolf Branch

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: 26-AUG-2022
 Biology Request Reviewed By: JASROTIA_P On: 24-AUG-2022
 Sampling Kit Required: YES Ship on: 06-SEP-2022
 Sampling Kit Shipped: YES On: 07-SEP-2022
 Sampling Kit Packed By: GIVENS_G
 Preservatives Needed: NO
 Date to Receive Samples: 12-SEP-2022
 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
 ;Jacob.Yodzis@FloridaDEP.gov

Comments: Wolf

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-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-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: P-500ML	Number of Bottles: 1	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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML	Number of Bottles: 1	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

Bottle Group B (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

