

Login Checklist

RQ- 2023-04-17-15

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04/21/23 @ 0909

*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	
<u>0.7</u>				<u>6</u>		<u>x</u>			<u>885947341931</u>

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 _____ Init: BKK

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

Coolers Unpacked/Checked by: BKK Date: 04/21/23 Event contains NCRs (Y/N)? N

Run 18
EventID: SW-DIST-2023-04-21-01 (SMP)
— Date Received: 21-APR-2023 09:09

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/17/2023
pH Test Strips 0 – 6	Lot#223819AV Exp:8/30/23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 Exp:3/15/24
Chlorine Test Strips	Lot#1196 Exp:2/24

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: 4/20/2023 **Collected By:** Ben Paswater, Sarah Meyer
Customer: SW-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-04-17-15 **Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

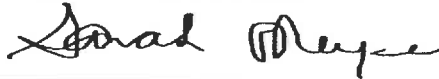
Number of Coolers Shipped: 1

Delivery Method: FedEx

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
ITCHEPACKESASSA CREEK IN PARK	 G2SW0145
LAKE WIMAUMA DRAIN IN LIL MANATEE PRESERVE	 G2SW0166

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/20/2023
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: Brian Kneech

Rec'd/Inspected
Date: 4/21/2023 0909



RQ-2023-04-17-15

Collected By: Ben Paswater, Sarah Meyer

Customer: FDEP

Field Report Prepared by: Ben Paswater, Sarah Meyer

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:
 WIN ID/Field ID: G2SW0145

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

Location: ITCHEPACKESASSA CREEK IN PARK

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 (PPTH)
4/20/2023 1000	6.96	79	21.4	7.55	0.1	0.2	0.2	972	0.48

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 #		SA3013020	Exp:		01/25/24					
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			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)	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						
DOC		W-DOC	Field Filtered 0.45 um Filter		Ice		H2SO 4*		<2			
				Acid Preservative Expiration Date								
				Acid Preservative Lot Number								



RQ-2023-04-17-15	Collected By: Ben Paswater, Sarah Meyer
Customer: FDEP	Field Report Prepared by: Ben Paswater, Sarah Meyer
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G2SW0166	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: LAKE WIMAUMA DRAIN IN LIL MANATEE PRESERVE

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 (PPTH)			
4/20/2023 1145	8.39	96	22	6.93	0.1	0.2	0.2	607	0.29			
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 #		SA3013020		Exp:		01/25/24				
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-C-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	Contract Lab			X	Ice		1	A		
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		Ice					
Phytoplankton			DTY-QN-C		PKD-QN-BV		Ice					
DOC			W-DOC		Field Filtered 0.45 µm Filter		Ice		H2SO4*			
		Acid Preservative Expiration Date						<2				
		Acid Preservative Lot Number										

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

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

PO# C00EF5

Invoice to: FDEP Micro Overflow

Project Name: RQ-2023-04-17-15

Laboratory Submission # 2301069

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³		
G2SW0145	SW	04/20/2023	1000	1	250mL	P	Plain (on Ice)	E coli 1
G2SW0166	SW	04/20/2023	1145	1	250mL	P	Plain (on Ice)	E coli 2
	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)	

"Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
"Sample Matrix" is used to indicate whether the sample is being discharged to a body of water (BW), surface water (SW), groundwater (GW), or other water (OW).
"Container Type" is used to indicate whether the container is plastic (P) or glass (G).
"Preservative" is used to indicate whether the sample was preserved with a preservative (P) or not (N).
"Parameters" are the parameters that were added to the sample container.
Each bottle has a label identifying sample ID, preservation parameters, collection date, sample type, client ID, and parameters for analysis.
All bottles are labeled with the date and time of collection. Sample ID's are sequential starting with the date and time of collection. Sample ID's are sequential starting with the date and time of collection.
The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:
Temperature: 3.3°C

Received By: Sarah Meyer
Date: 04/20/2023
Time: 1320

Received By: [Signature]
Date: 04/20/23
Time: 1330

Date of Request: 09-MAR-2023
 Created By: PASWATER_B On: 09-MAR-2023
 Modified By: JASROTIA_P On: 29-MAR-2023
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: Run 18

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: 28-MAR-2023
 Biology Request Reviewed By: JASROTIA_P On: 29-MAR-2023
 Sampling Kit Required: YES Ship on: 07-APR-2023
 Sampling Kit Shipped: YES On: 30-MAR-2023
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 17-APR-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 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-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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	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: 2	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