

From: [Meyer, Sarah](#)
To: [Lebrun, Torres](#); [Paswater, Benjamin](#)
Cc: [Ayres, Joshua](#); [Mathias, Devin](#)
Subject: RE: RQ-2023-04-10-23/SW-DIST-2023-04-11-01 Date/Time Data For G3SW0053
Date: Wednesday, April 26, 2023 10:29:01

Good morning Torres,

I confirmed with Ben that the time on the Benchmark sheet, 12:25 is the correct time for the sample.

Have a great day,



Sarah Meyer
Florida Department of Environmental Protection
Southwest Regional Operation Center
Environmental Specialist III
Sarah.meyer@FloridaDEP.gov
Office: 813-470-5782
Cell: 813-955-1560

From: Lebrun, Torres <Torres.Lebrun@FloridaDEP.gov>
Sent: Wednesday, April 26, 2023 8:32 AM
To: Paswater, Benjamin <Benjamin.Paswater@dep.state.fl.us>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>; Meyer, Sarah <Sarah.Meyer@dep.state.fl.us>; Mathias, Devin <Devin.Mathias@FloridaDEP.gov>
Subject: RQ-2023-04-10-23/SW-DIST-2023-04-11-01 Date/Time Data For G3SW0053

Good morning Ben,

It looks like 12:25 was the correct time for G3SW0053 when cross-referencing these sheets, but we wanted to confirm with you if this date/time is correct.

Thanks in advance.

Login Checklist

RQ- 2023-04-10-23

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04/ 11 /2023@ 09:20

*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	
1.5				8		✓			585947345455
1.7				11		✓			585947345444

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/ Field Sheet(s) Included? Yes ☒ No ☒ TL

CONTAINER CHECK

Evidence Tape on Bottles? Yes _____ No _____ NA ☒ 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 _____ Init: TL

Chlorine detected? (One container checked per Field ID) Yes _____ No ☒ Init: TL

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: TL

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No _____ NA ☒ Init: TL

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

Coolers Unpacked/Checked by: TL Date: 04/ 11 /2023 Event contains NCRs (Y/N)? N

Run 16
Event ID: SW-DIST-2023-04-11-01 (SMP)
Date Received: 11-APR-2023 09:20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/17/2023
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# 1196 Exp: Feb. 2024

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: 4/10/2023
Customer: SW-DIST
RQ: RQ-2023-04-10-23
Collected By: Ben Paswater, Ken Turman
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: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
GILLEY CREEK DOWNSTREAM	 G2SW0039
OWEN CREEK	 G3SW0053
MAPLE CREEK AT WAUCHULA RD	 G3SW0087

RELINQUISHED BY(SIGNATURE):

Ken Turman

DATE/TIME: 4/10/2023

1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *TL*

Rec'd/Inspected Date: *4/11/23*



RQ-2023-04-10-23	Collected By: Ben Paswater, Ken Turman
Customer: FDEP	Field Report Prepared by: Ben Paswater, Ken Turman
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 	Comments: Microbiology sample(s) submitted to contract laboratory.
WIN ID/Field ID: G2SW0039	

Location: GILLEY CREEK DOWNSTREAM

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)								
4/10/2023 1045	8.96	101.5	21.5	6.97	0.15	0.3	0.3	235.1	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 #		SA2299040		Exp:	11/04/23										
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-80DUNIN						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		X	W-PSNP-TQ	X	Ice	MCAA Exp.	MCAA Lot#	4	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 µm Filter					Ice		H2SO 4*		<2					
	Acid Preservative Expiration Date																
	Acid Preservative Lot Number																

ISSUES FOUND

Page 3 of 4



RQ-2023-04-10-23

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Ken Turman

Field Report Prepared by: Ben Paswater, Ken Turman

Sampling Agency: FDEP

WIN ID/Field ID:
 WIN ID/Field ID: G3SW0053



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

Location: OWEN CREEK

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)
4/10/2023 1225229	6.87	80	22.9	7.01	0.3	1	1.4	550	0.26

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 um Filter			Ice				
	Filter Lot #	Syringe Lot #						
BOD (BP-1L)	O-V-BODUNIN			Ice				
Chlorophyll (BP-1L)	CHLSUITE-W			Ice				
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SD4-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	1	B
	X	Contract Lab						
Molecular (QPCR-P-500ML)	PCR-HF183 / PCR-BacR / PCR-DG3			Ice				
	PCR-GULL2 / PCR-GFD							
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS	X	1	B	
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	H2SO4*	<2	
		Acid Preservative Expiration Date						
		Acid Preservative Lot Number						



RQ-2023-04-10-23

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Ken Turman

Field Report Prepared by: Ben Paswater, Ken Turman

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SW0053

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

Location: OWEN CREEK

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)
4/10/2023 1225	6.87	80	22.9	7.01	0.3	1	1.4	550	0.26

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*		
	Lot #	Exp:				<2	
Metals (P-500ML)	W-ICPMS / W-ICP / W-HARD			Ice	HNO3*		
	Lot #	Exp:				<2	
Filtered Nutrients (P125ML)	W-PO4-F	Field Filtered 0.45 um Filter		Ice			
	Filter Lot #	Syringe Lot #					
BOD (BP-1L)	O-V-BODUNIN			Ice			
Chlorophyll (BP-1L)	CHLSUITE-W			Ice			
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SD4-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
	Contract Lab						
Molecular (QPCR-P-500ML)	PCR-HF183	PCR-BacR	PCR-DG3	Ice			
	PCR-GULL2	PCR-GFD					
Tracers (BG-500ML)	X W-E8321-DI	X W-E8321-MS	X	Ice		1	B
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	H2SO4*		
		Acid Preservative Expiration Date				<2	
		Acid Preservative Lot Number					



RQ-2023-04-10-23	Collected By: Ben Paswater, Ken Turman
Customer: FDEP	Field Report Prepared by: Ben Paswater, Ken Turman
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G3SW0087

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

Location: MAPLE CREEK AT WAUCHULA RD

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)						
4/10/2023 1130	3.78	44.5	23.3	7.25	0.3	1.4	1.4	1818	0.92						
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	C		
		Lot #		SA2299040		Exp:		11/04/23							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			Ice		<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					C	
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS				X	Ice		1					C	
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	C
	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)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ		MCAA Exp.	MCAA Lot#	03/01/2024	139737	8	C	
	X	W-PCL-TQ-R		X	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R							
	X	W-TR-SQ-R		X	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												

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

PO# COOEF5

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-2023-04-10-23				Laboratory Submission #							
Sample Name		Sample Type / Sample Matrix ¹		Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #	
		Date	Time	Qty	Capacity	Type ³					
92SW0039		SW		10 APR	1045		250mL	P	Plain (on Ice)	E. COLI	1
673SW0087		SW		10 APR	1130		250mL	P	Plain (on Ice)	E. COLI	2
633SW0053		SW		10 APR	1225		250mL	P	Plain (on Ice)	E. COLI	3
		SW					250mL	P	Plain (on Ice)		
		SW					250mL	P	Plain (on Ice)		
		SW					250mL	P	Plain (on Ice)		
		SW					250mL	P	Plain (on Ice)		

Instructions:

- "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 designed to detect water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), or sludge (SLDG).
- Sample must be refrigerated or stored in ice for all collection. The temperature during storage should be less than or equal to 4°C (41°F).
- Label "Preservative" that any preservatives that were added to the sample container.

Notes:

- Each sample has a label identifying sample ID, preservative, preservative contained in the bottle, sample type, date, and time of collection.
- 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 facility, and any (full number or ID).
- All bottles not containing preservative may be rinsed with appropriate sample water to collection.
- The client is responsible for documentation of the sampling event. Please note specific sampling events on this sample custody form.

Collected / Relinquished By:
KEN TURKMAN

Received By:
Doreen

Date: 10 APR
Time: 1303

Relinquished By:

Received By:

Date: 11/10/23
Time: 1303

Laboratory Sample Acceptability:
Temperature: 3-12

Cooler Packing Worksheet for Request: RQ-2023-04-10-23

Run 16

Ship Cooler On: 3/31/2023
Customer/Project: SW-DIST/SMP

Assigned To: SHAIK_A
Requester: Benjamin Paswater
Priority: 3

813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

Attn: Ben Paswater

Please return
packing list with
sample submittal
forms.

Comments:

#####

Buffer Solution for W-CARB-AA Bottle
1 vial per bottle

#####

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 0085431

Description: Plastic Bottle 1L

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm (not valid for NPDES monitoring)
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1362301

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 1

Preservation: ICE

Lot #

L22131

Description: 250 ml Sterilized with tablet

Analysis

SW-BEA-ECQ

Description

E. coli by Colilert/QT by BEA in Palmetto

Container ID: P-500ML

Qty: 1

Preservation: ICE And H2SO4

Lot #

85187

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: BG-500ML

Qty: 4

Preservation: ICE

Lot #

85438

Description: Brown Glass Bottle 500ML *FILL Completely*

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

W-TR-SQ-R

Description

Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group: B

of Sites: 1

Container ID: P-250ML-WI-THI

Qty: 1

Preservation: ICE

Lot #

L22131

Description: 250 ml Sterilized with tablet

Analysis

SW-BEA-ECQ

Description

E. coli by Colilert/QT by BEA in Palmetto

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot #

85438

Description: Brown Glass Bottle 500ML *FILL Completely*

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: C

of Sites: 1

Container ID: P-1L
Description: Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot # 0085631

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm (not valid for NPDES monitoring)
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L
Description: Brown Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot # 1362301

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI
Description: 250 ml Sterilized with tablet

Qty: 1 Preservation: ICE

Lot # 12317

Analysis

SW-BEA-ECQ

Description

E. coli by Colilert/QT by BEA in Palmetto

Container ID: BG-500ML
Description: Brown Glass Bottle 500ML *FILL Completely*

Qty: 1 Preservation: CH2CICOOH and Ice

Lot # 0085438

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML FILL TO TOP
Description: Brown Glass Bottle 500ML *Fill Completely*

Qty: 4 Preservation: ICE

Lot # 0085438

Affix BLUE dot to container.

Analysis

W-CT-CI-R
W-PCB-TQ-R
W-PCL-TQ-R

Description

Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization
PCBs in water matrices by GC/MS/MS
Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot #

85438

Description: Brown Glass Bottle 500ML *FILL Completely*

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1

Preservation: ICE And H2SO4

Lot #

85187

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: BG-500ML

Qty: 2

Preservation: ICE

Lot #

85438

Description: Brown Glass Bottle 500ML *FILL Completely*

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

W-TR-SQ-R

Description

Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group: D

of Sites: 1

Container ID: P-250ML-WI-THI

Qty: 1

Preservation: ICE

Lot #

85131

Description: 250 ml Sterilized with tablet

Analysis

SW-BEA-ECQ

Description

E. coli by Colilert/QT by BEA in Palmetto

Cooler Packed By: AD Number of Coolers: 2 Date: 3-27-23

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID	<u>MCA</u>	Exp	<u>3.1.24</u>	Lot #	<u>139737</u>
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	

PLEASE RETURN ALL COOLERS FOR RQ-2023-04-10-23

Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s) (See pg 2)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Time		Diss. Oxygen		mg/L % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		ft m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Time		Diss. Oxygen		mg/L % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		ft m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Time		Diss. Oxygen		mg/L % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		ft m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Time		Diss. Oxygen		mg/L % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		ft m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Time		Diss. Oxygen		mg/L % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)		pH		Sample Depth		ft m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-BEA-ECQ					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-PSNP-TQ					
	W-TR-SQ-R					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-BEA-ECQ					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					

Group: C	Bottle Type: W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: SW-BEA-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH ₂ ClCOOH and Ice	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-CT-Cl-R W-PCB-TQ-R W-PCL-TQ-R	BG-500ML FILL TO TOP	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H ₂ SO ₄	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-PSNP-TQ W-TR-SQ-R	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: SW-BEA-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab

Date of Request: 09-MAR-2023
 Created By: PASWATER_B On: 09-MAR-2023
 Modified By: JASROTIA_P On: 22-MAR-2023
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: Run 16

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: 22-MAR-2023
 Biology Request Reviewed By: JASROTIA_P On: 22-MAR-2023
 Sampling Kit Required: YES Ship on: 31-MAR-2023
 Sampling Kit Shipped: YES On: 28-MAR-2023
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 10-APR-2023
 Logged In By: LEBRUN_T On: 11-APR-2023

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: #####

Buffer Solution for W-CARB-AA Bottle
 1 vial per bottle

#####

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 CaCO3/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 10150 B) 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 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: BG-500ML	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

Bottle Group A (Water) With 1 Samples:

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE
 W-TR-SQ-R Template: DEFAULT (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

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

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 Group C (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 Number of Bottles: 1 Preserved With: CH₂ClCOOH and Ice
 W-CARB-AA Template: DEFAULT (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

Bottle Type: BG-500ML FILL TO Number of Bottles: 4 Preserved With: ICE
 W-CT-Cl-R Template: DEFAULT (EPA 8276) Chlordane and Toxaphene 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: 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: 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: BG-500ML Number of Bottles: 2 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 Type: P-1L Number of Bottles: 1 Preserved With: ICE
 ALKALINITY Template: DEFAULT (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO₃/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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group D (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

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