

Shaik, Amzad

From: Musson, Curtis
Sent: Thursday, August 18, 2022 10:45
To: Shaik, Amzad; Bearden, Matthew; Schwartz, Victoria
Subject: RE: RQ-2022-08-15-23 MATRIX

Yes Amzad, you edit the matrix on COC from marine to fresh.
Thanks!

From: Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>
Sent: Thursday, August 18, 2022 10:44 AM
To: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: RQ-2022-08-15-23 MATRIX

Can I edit the matrix on COC from marine to fresh
Thanks!

From: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Sent: Thursday, August 18, 2022 10:42
To: Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: RQ-2022-08-15-23 MATRIX

FRESH

From: Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>
Sent: Thursday, August 18, 2022 10:41 AM
To: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: RQ-2022-08-15-23 MATRIX

Matrix on COC :MARINE, SpCOND:929 is it MARINE OR FRESH?

From: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Sent: Thursday, August 18, 2022 10:35
To: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: RQ-2022-08-15-23 MATRIX

If the Sp. COND is < 5000 it is a Fresh water matrix on the COC.
If the Sp. COND is >= 5000 it is a marine water matrix on the COC.

From: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Sent: Thursday, August 18, 2022 10:29 AM

To: Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Cc: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Subject: RE: RQ-2022-08-15-23 MATRIX

Hi.

This particular waterbody is classified as 3M, so we state that it is a marine WBIB for that reason.

Curtis - can you assist in this? How would you like it to be classified?

Thanks

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Shaik, Amzad" <Amzad.Shaik@dep.state.fl.us>
Date: 8/18/22 10:16 AM (GMT-05:00)
To: "Bearden, Matthew" <Matthew.Bearden@dep.state.fl.us>, "Schwartz, Victoria" <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: RQ-2022-08-15-23 MATRIX

Samples received for RQ-2022-08-15-23, please check the matrix for
Location: Addison Creek @ Enchanted Forest Nature Preserve
Field ID : G5CE0112 Matrix indicated as Marine Sp COND IS 929 clarify the matrix.

Thanks!

From: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Sent: Wednesday, August 17, 2022 15:47
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Subject: RQ-2022-08-15-23g5ce0112

Thanks!



Matthew Bearden

Environmental Consultant – Team Lead
Division of Environmental Assessment and Restoration – Cen ROC
Florida Department of Environmental Protection
Matthew.Bearden@dep.state.fl.us
Office: 407-897-4123
Cell: 813-625-2297
<https://floridadep.gov/dear/water-quality-assessment>

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/19/2022
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT 207621 EXP:3/15/2024
Chlorine Test Strips	0064/11/2023/05 abs 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# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/17/2022
Customer: CEN-DIST
RQ: RQ-2022-08-15-23
Collected By: Matt Bearden,
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

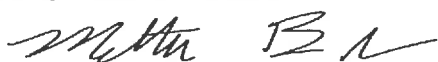
Number of Coolers Shipped: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Addison Creek @ Enchanted Forest Nature Preserve	 G5CE0112
Addison Creek @ US1	 G5CE0111

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/17/2022
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected
Date: 08/18/2022



RQ-2022-08-15-23

Collected By: Matt Bearden,

Customer: FDEP

Field Report Prepared by: Matt Bearden,

Project ID: SMP

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G5CE0112

Location:

Location: Addison Creek @ Enchanted Forest Nature Preserve

Matrix: Marine *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)
8/17/2022 1050	3.14	39.2	26.5	6.7	0.25	0.5	0.5	929	0.45

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 #		SA1105060	Exp:	4/30/2022						
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)	X	CHLSUITE-W				X	Ice			1	A	
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)	X	Alkalinity / W-F / W-TSS / TURBIDITY				X	Ice			1	A	
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #				Formalin					
Periphyton (PT-50ML)		ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)		E Coli		F Coli	X	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				
		W-E8321-DI	W-E8321-MS		W-PSNP-TQ				MCAA Exp.	MCAA Lot#		
Pesticides (BG-500ML) (BG-1L)		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R			Ice				
		W-TR-SQ-R		W-PCB-TQ-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice				



RQ-2022-08-15-23

Collected By: Matt Bearden,

Customer: FDEP

Field Report Prepared by: Matt Bearden,

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5CE0111

Comments:

Location:

Location: Addison Creek @ US1

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)
8/17/2022 1120	4.51	55.9	26.2	7.19	0.2	0.4	0.4	1050	0.52

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)	W-ICPMS W-ICP W-HARD Lot # _____ Exp: _____	Ice HNO3*	<2		
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 µm 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)	E Coli F Coli X Enterococci Contract Lab	x Ice		1	B
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 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 MCAA Exp. MCAA Lot#			
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			

Date of Request: 11-JUL-2022
 Created By: BEARDEN_M On: 11-JUL-2022
 Modified By: JASROTIA_P On: 26-JUL-2022
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Event Description: Addison Creek Sites

Send Coolers To:

Phone: 407-897-4123
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Cooler Ship Email: matthew.bearden@floridadep.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 26-JUL-2022
 Biology Request Reviewed By: JASROTIA_P On: 26-JUL-2022
 Sampling Kit Required: YES Ship on: 05-AUG-2022
 Sampling Kit Shipped: YES On: 29-JUL-2022
 Sampling Kit Packed By: GIVENS_G
 Preservatives Needed: NO
 Date to Receive Samples: 18-AUG-2022
 Logged In By: SHAIK_A On: 18-AUG-2022

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Report Notification Email:
 matthew.bearden@floridadep.gov; victoria.schwartz@floridadep.gov

Comments: Addison CM Site: A
 Addison Other: B

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-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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-WO-THI	Number of Bottles: 1	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
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 Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems