

Login Checklist

RQ- 2023 - 05 - 22 - 25

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 05-25-2023 / 09:07

*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	
2.9c				12		x			5859 4735 8580
1.1C				8		X			5859 4735 8570
0.8C				9		X			5859 4735 8591

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/ FieldSheet(s) Included?

Yes X No WILL ABS

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: ABS /

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: ABS /

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: ABS /

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

Yes _____ No _____ NA X Init: ABS /

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

Coolers Unpacked/Checked by: ABS /

Date: 05/25/2023

Event contains NCRs(Y/N)? N

EventID:

NW - DIST- 2023 - 05 - 25 - 0 *2

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 2 EXP:10/17/2023
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/23
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT#207621 EXP:3/15/2024
Chlorine Test Strips	LOT#207621 EXP:3/15/2024 1196/2024/02 abs/04/03/23

1196/2024/02 abs/04/03/23

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 5/24/2023	Collected By: Nathan Mulkey, Hannah Henning
Customer: NW-DIST	Sampling Agency: FDEP
RQ: RQ-2023-05-22-25	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: 3

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
JONES CREEK UPSTREAM OF N NAVY BLVD	 G4NW0429
JACKSON CREEK DOWNSTREAM OF OLD CORY RD	 G4NW0412
JACKSON CREEK UPSTREAM OF PRIETO DRIVE	 G4NW0505
TRIBUTARY TO BAYOU MARCUS CREEK UPSTREAM OF WYMART RD	 G5NW0005
MARCUS CREEK AT MILLVIEW ROAD (SR173)	 G5NW0006
BAYOU MARCUS CREEK UPSTREAM OF MOBILE HWY BRIDGE	 G5NW0156
MARCUS CREEK UPSTREAM OF MARCUS POINTE BLVD	 G4NW0179
CARPENTER CREEK BELOW TARGET STORMWATER POND	 G4NW0244

CARPENTERS CR DAVIS HIGHWAY BR



G4NW0036

RELINQUISHED BY(SIGNATURE):

A handwritten signature in black ink, appearing to be 'JLH' followed by a flourish.

DATE/TIME: 5/24/2023

1600 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected

Date: 05/25/2023

WIN ID/Field ID: 

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

Matrix: Fresh

✓ Grab

☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)								
5/24/2023 750	5.3	61.5	22.7	5.85	0.25	0.5	0.5	89.1	0.04								
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)	X	W-ICPMS	X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	C			
	Lot #		2230040		Exp:		09012023										
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	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		MCAA Lot#	4	C							
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		W-PSNP-TQ		MCAA Exp.										
	X	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R					Ice						
	W-TR-SQ-R		X	W-PCB-TQ-R													
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice											
DOC	W-DOC	Field Filtered 0.45 µm Filter			Ice	H2SO4*	<2										
		Acid Preservative Expiration Date															
		Acid Preservative Lot Number															



RQ-2023-05-22-25	Collected By: Nathan Mulkey, Hannah Henning
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: WIN ID/Field ID: G4NW0412	Comments: Microbiology sample(s) submitted to contract laboratory.
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Location: JACKSON CREEK DOWNSTREAM OF OLD CORRY RD

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)				
5/24/2023 805	5.99	68.5	22	6.01	0.3	0.4	0.4	149.1	0.07				
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*			
		Lot #		Exp:				<2					
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)		CHLSUITE-W				Ice							
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-G-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	
		X	Contract Lab										
Molecular (QPCR-P-500ML)		PCR-HF1B3				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			
		X	W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R	x		Ice	
		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*	
				Acid Preservative Expiration Date									
				Acid Preservative Lot Number									

WIN ID/Field ID: 
WIN ID/Field ID: G4NW0505

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

Location: JACKSON CREEK UPSTREAM OF PRIETO DRIVE

Matrix: Fresh

(Check One)

✓ Grab

☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)					
5/24/2023 815	7.73	88.9	22.1	5.92	0.07	0.15	0.15	113.3	0.05					
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)		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							
		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		x	Ice	MCAA Exp.	MCAA Lot#	2	D	
		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									
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-2023-05-22-25	Collected By: Nathan Mulkey, Hannah Henning
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G5NW0005

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

Location: TRIBUTARY TO BAYOU MARCUS CREEK UPSTREAM OF WYMART RD

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)				
5/24/2023 950	6.75	76.6	21.3	5.15	0.1	0.2	0.2	68.2	0.03				
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)	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	E	
	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	H2SO4*	<2						
		Acid Preservative Expiration Date											
		Acid Preservative Lot Number											



RQ-2023-05-22-25	Collected By: Nathan Mulkey, Hannah Henning
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5NW0006	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: MARCUS CREEK AT MILLVIEW ROAD (SR173)

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)					
5/24/2023 915	6.07	72.2	24.1	6.22	0.3	0.5	2.3	72	0.03					
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 #		3013020		Exp:		01252024							
Metals (P-500ML)	X	W-ICPMS	X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
	Lot #		2230040		Exp:		09012023							
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-CH-C / 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		MCAA Exp.	MCAA Lot#		2	A		
	X	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)	X	W-CT-CL-R	X	Ice						
		W-TR-SQ-R	X	W-PCB-TQ-R										
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice							
DOC		W-DOC		Field Filtered 0.45 µm Filter			Ice		H2SO4*		<2			
	Acid Preservative Expiration Date													
	Acid Preservative Lot Number													



RQ-2023-05-22-25

Customer: FDEP

Project ID: SMP

Collected By: Nathan Mulkey, Hannah Henning

Field Report Prepared by: Nathan Mulkey,
Hannah Henning

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5NW0156

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

Location: BAYOU MARCUS CREEK UPSTREAM OF MOBILE HWY BRIDGE

Matrix: Fresh

(Check One)

✓ Grab

□ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
5/24/2023 845	6.43	78.5	25.4	6.15	0.3	1.2	1.2	81.1	0.04

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 #		3013020	Exp:	01252024									
Metals (P-500ML)	X	W-ICPMS		X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
		Lot #		2230040	Exp:	09012023									
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)	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							
	X	W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R	X	Ice	MCAA Exp.	MCAA Lot#	4 or 2	A	
		W-TR-SQ-R		X	W-PCB-TQ-R										
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							
DOC		W-DOC			Field Filtered 0.45 µm Filter			Ice		H2SO4*		<2			
		Acid Preservative Expiration Date													
		Acid Preservative Lot Number													

Location: MARCUS CREEK UPSTREAM OF MARCUS POINTE BLVD

Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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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 #		3013020		Exp:		01252024									
Metals (P-500ML)	X	W-ICPMS		X	W-ICP		X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
	Lot #		2230040		Exp:		09012023									
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-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-PC8-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-2023-05-22-25	Collected By: Nathan Mulkey, Hannah Henning
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0244	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: CARPENTER CREEK BELOW TARGET STORMWATER POND

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
5/24/2023 1050	7.85	90.6	22.4	5.94	0.15	0.3	0.3	83.5	0.04
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	D
	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			
	W-E8321-DI		W-E8321-MS			Ice	MCAA Exp.	MCAA Lot#	
Pesticides (BG-500ML) (BG-1L)	X	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)	X	W-CT-CL-R	x	Ice		2
		W-TR-SQ-R	X	W-PCB-TQ-R					D
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice			
DOC	W-DOC		Field Filtered 0.45 µm Filter			Ice	H2SO4*	<2	
			Acid Preservative Expiration Date						
			Acid Preservative Lot Number						



RQ-2023-05-22-25	Collected By: Nathan Mulkey, Hannah Henning
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G4NW0036	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: CARPENTERS CR DAVIS HIGHWAY BR

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)							
5/24/2023 1115	6.95	81.6	22.7	6.37	0.25	0.5	0.5	97.3	0.04							
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	D						
	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				2	D						
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI	W-E8321-MS		W-PSNP-TQ	x	Ice	MCAA Exp.	MCAA Lot#								
	X	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)													
	W-TR-SQ-R		X	W-PCB-TQ-R												
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice		<2									
DOC	W-DOC	Field Filtered 0.45 µm Filter			Ice	H2SO4*										
		Acid Preservative Expiration Date														
		Acid Preservative Lot Number														

Sampler's initials : HH/WM

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by: Hannah H. of FDEP Date/Time: 5/24/23 1140

Sample received by: James Scott of WRL Date/Time: 5/24/23 1:14:0

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments: Sample Container lot# 21347	PO # C01214	Surface water, no chlorine expected
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RQ-2023-05-22-25

Contact organization FDEP

Contact name **Stopher Slade**

Phone:

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

Sampler's name:

Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

³ Recorded using IRT-2

Date of Request: 18-APR-2023
 Created By: SLADE_C On: 18-APR-2023
 Modified By: JASROTIA_P On: 04-MAY-2023
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Pensacola Run

Send Coolers To:

Phone: 850-595-0567
 160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Stopher Slade
 Cooler Ship EMail: christopher.slade@floridadep.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 04-MAY-2023
 Biology Request Reviewed By: JASROTIA_P On: 04-MAY-2023
 Sampling Kit Required: YES Ship on: 12-MAY-2023
 Sampling Kit Shipped: YES On: 08-MAY-2023
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 22-MAY-2023
 Logged In By: SHAIK_A On: 25-MAY-2023

Send Final Report To:

160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Myranda Butler
 Report Notification EMail:
 christopher.slade@floridadep.gov;Myranda.k.butler@floridadep.gov

Comments: Group A: (WBID 697C) Nutrients, Metals, Limited Pesticides, Contract Lab Bacteria

Group B: (WBID 725) Nutrients, Metals, Contract Lab Bactreia

Group C: (WBID 846A) Metals, Limited Pesticides, Contract Lab Bacteria

Group D (676, 846B) Limited Pesticides, Contract Lab Bacteria

Group E: (697C) Contract Lab Bacteria

Packing notes;

FedEx return packing slips

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-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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group A (Water) With 2 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Bottle Type: BG-500ML FILL TO	Number of Bottles: 6	Preserved With: ICE
W-CT-CI-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: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 2	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		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Type: P-500ML	Number of Bottles: 2	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 Group B (Water) With 1 Samples:

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		

Bottle Group B (Water) With 1 Samples:

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

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
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Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Chromium
Cobalt
Copper
Lead
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium

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: 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: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

Bottle Group C (Water) With 1 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Bottle Type: BG-500ML FILL TO	Number of Bottles: 2	Preserved With: ICE
W-CT-CI-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: DEFAULT	(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		

Bottle Group C (Water) With 1 Samples:

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

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
 Cadmium
 Chromium
 Cobalt
 Copper
 Lead
 Manganese
 Molybdenum
 Nickel
 Selenium
 Silver
 Thallium

Bottle Group D (Water) With 4 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 4 Preserved With: ICE
 NW-UWF-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

Bottle Type: BG-500ML FILL TO Number of Bottles: 8 Preserved With: ICE
 W-CT-CI-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: DEFAULT (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group E (Water) With 1 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE
 NW-UWF-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

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