

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/12/2022
Customer:
RQ: RQ-2022-02-21-55

Collected By: Andrew Luering, Charlie Hoey
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
Farm Canal @ Hwy 98 and SR 717	 G5SE0091
West Palm Beach Canal @ Twenty-mile Bend	 G5SE0058
WCA1 near culvert	 G5SE0117
SFWMD C2444 @ Bean City	 G5SE0029

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/12/2022
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected
Date:



RQ-2022-02-21-55	Collected By: Andrew Luering, Charlie Hoey
Customer: FDEP	Field Report Prepared by: Andrew Luering, Charlie Hoey
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0091	Comments:

Location:**Location:** Farm Canal @ Hwy 98 and SR 717

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)
4/12/2022 1005	8.24	94.9	22.2	8.06	0.16	0.1	0.36	412	0.2

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-BR-IC / 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 Enterococci	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#	3	B
	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				



RQ-2022-02-21-55	Collected By: Andrew Luering, Charlie Hoey
Customer: FDEP	Field Report Prepared by: Andrew Luering, Charlie Hoey
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0058	Comments:

Location:**Location:** West Palm Beach Canal @ Twenty-mile Bend

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)
4/12/2022 1155	7.66	89.5	23	7.52	0.3	0.2	1.21	419.3	0.2

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-BR-IC / 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	Enterococci	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#	3	B
	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					



RQ-2022-02-21-55	Collected By: Andrew Luering, Charlie Hoey
Customer: FDEP	Field Report Prepared by: Andrew Luering, Charlie Hoey
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0117	Comments:

Location:**Location:** WCA1 near culvert

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)
4/12/2022 1220	6.29	75.9	24.8	7.68	0.3	0.5	1.3	881	0.43

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-BR-IC / 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
		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	C				
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-2022-02-21-55	Collected By: Andrew Luering, Charlie Hoey
Customer: FDEP	Field Report Prepared by: Andrew Luering, Charlie Hoey
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0029	Comments:

Location:
Location: SFWMD C2444 @ Bean City

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)								
4/12/2022 1100	5.29	61.3	22.2	7.16	0.3	0.2	0.8	546	0.26								
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		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)		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-BR-IC / 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	
		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								