

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 5/19/2022 **Collected By:** Drew Liddick, Andrew Luering
Customer: WQAP **Sampling Agency:** FDEP
RQ: RQ-2022-05-16-47 **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
Lemkin Creek @ 78	 G1SE0026
Kissimmee upstream of 78	 G4SE0131
Taylor Creek @ 39th St.	 G1SE0024
FB	 FB_05192022
Taylor Creek @ 441	 G1SE0001
Taylor Creek @ 70	 G1SE0011
Henry Creek @ SE 128th Ave	 G1SE0030

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 5/19/2022
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-05-16-47	Collected By: Drew Liddick, Andrew Luering
Customer: FDEP	Field Report Prepared by: Drew Liddick, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0026	Comments: Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - F/H.

Location:**Location:** Lemkin Creek @ 78

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)											
5/19/2022 845	5.34	69.5	29.5	7.61	0.3	0.9	0.9	982	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	F/H					
		Lot #		SA1308030		Exp:		12/01/2022												
Metals (P-500ML)			W-ICPMS			W-ICP			Ice			HNO3*			<2					
		Lot #				Exp:														
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter				X	Ice					1	F/H			
		Filter Lot #				Syringe Lot #		1145471												
BOD (BP-1L)			OV-BODUNIN					Ice												
Chlorophyll (BP-1L)		X	CHLSUITE-W				X	Ice					1	F/H						
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	F/H						
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	F/H	
		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		X	DTY-QN-C		X	PKD-QN-BV				X	Ice					1	F/H			



RQ-2022-05-16-47	Collected By: Drew Liddick, Andrew Luering
Customer: FDEP	Field Report Prepared by: Drew Liddick, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4SE0131	Comments:

Location:**Location:** Kissimmee upstream of 78

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)
5/19/2022 1015	5.25	68	28	7.35	0.3	0.8	1	201.2	0.09

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	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)	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						



RQ-2022-05-16-47	Collected By: Drew Liddick, Andrew Luering
Customer: FDEP	Field Report Prepared by: Drew Liddick, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: FB_05192022	Comments:

Location:
Location: FB

Matrix: ~~DI Water~~ Field Blank (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 (PPTH			
5/19/2022 1130												
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		<2					
	Lot #		Exp:									
Metals (P-500ML)	W-ICPMS		W-ICP	W-HARD	Ice		<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	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-2022-05-16-47	Collected By: Drew Liddick, Andrew Luering
Customer: FDEP	Field Report Prepared by: Drew Liddick, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G1SE0001	Comments:
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Location: Location: Taylor Creek @ 441

Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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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)
5/19/2022 1145	7.88	102.5	28.8	8.2	0.3	0.6	0.7	809	0.39

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	B	
	Lot #			SA1308030		Exp:		12/01/2022										
Metals (P-500ML)		W-ICPMS			W-ICP			W-HARD			Ice		HNO3*			<2		
	Lot #					Exp:												
Filtered Nutrients (P125ML)		W-PO4-F			Field Filtered 0.45 um Filter					Ice								
	Filter Lot #				Syringe Lot #													
BOD (BP-1L)		OV-BODUNIN								Ice								
Chlorophyll (BP-1L)	X	CHLSUITE-W							X	Ice						1	B	
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	B	
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			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-2022-05-16-47	Collected By: Drew Liddick, Andrew Luering
Customer: FDEP	Field Report Prepared by: Drew Liddick, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0011	Comments: Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - E/H.

Location:
Location: Taylor Creek @ 70

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 (PPTH									
5/19/2022 1215	6.49	85.1	29	7.48	0.3	0.6	1	820	0.4									
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	E/H			
		Lot #		SA1308030		Exp:		12/01/2022										
Metals (P-500ML)			W-ICPMS			W-ICP			Ice			HNO3*			<2			
		Lot #				Exp:												
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter				x	Ice				1	E/H		
		Filter Lot #				Syringe Lot #		1145471										
BOD (BP-1L)			OV-BODUNIN					Ice										
Chlorophyll (BP-1L)		X	CHLSUITE-W				x	Ice				1			E/H			
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			E/H			
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	E/H		
		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#	4	E/H		
		X	W-PCL-TQ-R			W-CARB-AA (5 ml of MCAA Buffer Solution)				X			W-CT-CL-R					
			W-TR-SQ-R			W-PCB-TQ-R												
Phytoplankton		X	DTY-QN-C		X	PKD-QN-BV				x	Ice				1	E/H		



RQ-2022-05-16-47	Collected By: Drew Liddick, Andrew Luering
Customer: FDEP	Field Report Prepared by: Drew Liddick, Andrew Luering
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G1SE0030	Comments:

Location:**Location:** Henry Creek @ SE 128th Ave

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)
5/19/2022 1245	1	12.5	26.4	6.69	0.3	0.6	0.8	989	0.49

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	G
		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							