

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 1/20/2022 **Collected By:** Ben Paswater, Megan Maloney
Customer: SW-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-01-17-20 **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
Jurassic Spring	 G5SW0178
House Spring	 G5SW0177
Highland Lake @ Center	 G5SW0180
Weeki Wachee Spring	 G5SW0179

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/20/2022

1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected

Date:

^ this RQ

Also includes Field Blank FB01202022

2 coolers coming in for this also includes 1 status sampling kit.



RQ-2022-01-17-20	Collected By: Ben Paswater, Megan Maloney
Customer: FDEP	Field Report Prepared by: Ben Paswater, Megan Maloney
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SW0178	Comments:

Location:**Location:** Jurassic Spring

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)								
1/20/2022 1055	5.77	66.5	22.6	7.75	0.3	2.2	2.2	213	0.1								
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 #		SA11105060		Exp:		4/23									
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	A		
		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)		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-2022-01-17-20	Collected By: Ben Paswater, Megan Maloney
Customer: FDEP	Field Report Prepared by: Ben Paswater, Megan Maloney
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SW0177	Comments:
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Location: Location: House Spring

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)
1/20/2022 1120	5.66	66.2	23.1	7.85	0.3	2.3	2.3	204.7	0.1

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 #		SA11105060		Exp:		4/22											
Metals (P-500ML)		W-ICPMS			W-ICP			W-HARD			Ice		HNO3*		<2			
	Lot #				Exp:													
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter			X	Ice				1	A				
	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)		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-2022-01-17-20	Collected By: Ben Paswater, Megan Maloney
Customer: FDEP	Field Report Prepared by: Ben Paswater, Megan Maloney
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SW0180	Comments:
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Location: Location: Highland Lake @ Center

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)
1/20/2022 1300	2.03	24	23.7	7.44	0.3	1	1	349.3	0.17

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 #		SA11105060		Exp:		4/23											
Metals (P-500ML)		W-ICPMS			W-ICP			W-HARD		Ice		HNO3*		<2				
	Lot #				Exp:													
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter				X	Ice				1	A			
	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)		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								

WIN ID/Field ID:  WIN ID/Field ID: G5SW0179	Comments:
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Location: Weeki Wachee Spring

(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																										
1/20/2022 1330	2.09	24.7	23.7	7.43	0.3	2.4	2.4	349.4	0.17																										
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 #		SA11105060		Exp:		4/23																											
Metals (P-500ML)			W-ICPMS			W-ICP			W-HARD			Ice		HNO3*		<2																			
		Lot #				Exp:																													
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 µm Filter			X	Ice			1	A																					
		Filter Lot #				Syringe Lot #																													
BOD (BP-1L)			OV-BODUNIN					Ice			1				A																				
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)		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																								

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄			☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN		Time: 1100		Field ID: _____		Location: _____	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____					
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check		
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA11105060	4/23	☒ < 2		
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice					
Chlorophyll	☒ [Redacted]	☒ Ice					
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice					
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ PCR-FILTER	☐ Ice					
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice					
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other					

Notes:

Field ID/WIN

FB01202022



Site Name:

Field Blank

Signature:

Be Parent

Date:

1/20/2022

Field Parameters Entered into LIMS:

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)