

McCoy, Ian

From: Meyer, Sarah
Sent: Wednesday, August 4, 2021 2:16 PM
To: McCoy, Ian; Paswater, Benjamin; Abdo, Natalie; Grace, Kevin
Cc: Ayres, Joshua
Subject: RE: Missing Site in Paperwork
Attachments: RQ-2021-08-02-66_GSW0177_08032021.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Ian,

Please find the field sheet for House Spring attached.

Thanks,

Sarah Meyer

Florida Department of Environmental Protection
Environmental Assessment & Restoration
Southwest Regional Operation Center
(813) 470-5782

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Wednesday, August 4, 2021 1:05 PM
To: Paswater, Benjamin <Benjamin.Paswater@dep.state.fl.us>; Meyer, Sarah <Sarah.Meyer@dep.state.fl.us>; Abdo, Natalie <Natalie.Abdo@FloridaDEP.gov>; Grace, Kevin <Kevin.T.Grace@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
Subject: Missing Site in Paperwork

Good morning, I received RQ-2021-08-02-66 and noticed that there was a site (House Spring/G5SW0177) that did not receive a Sample Submittal form nor was included on a COC. I can log it in based on the information on the Field Label but I still need said paperwork to complete everything on my end.

Let me know if you have any questions, have a great day!

Ian McCoy
Florida DEP Receiving
Lab Support Staff
Phone - 850-245-8062

RQ-2021-08-02-66

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/4/2021 9:45

*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	
1.5				20		✓			929380158030

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 °C (above 10.0 °C 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 ☒No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☐No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐No ☐NA ☒

Evidence Tape intact?

Yes ☐No ☐

If Criminal, photographs taken?

Yes ☐No ☐

Containers intact?

Yes ☒No ☐

Caps on tight?

Yes ☒No ☐

Sufficient Sample Volume:

Yes ☐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 ☐No ☒

Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐No ☐

Init: _____

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 ☒No ☐NA ☐

Init: IM

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

Yes ☐No ☐NA ☒

Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 8/4/2021

Event contains NCRs (Y/N)? ☒

Event ID:

Run 3

SW-DIST-2021-08-04-02 (SMP)

Date Received: 04-AUG-2021 09:45

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/28/21
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	219019 exp: 7/1/22
Chlorine Test Strips	0129 exp: 03/2023

Additional Comments:

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

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: 8/3/2021
Customer: SW-DIST
RQ: RQ-2021-08-02-66
Collected By: Kevin Grace, Natalie Abdo
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
Weeki Wachee Spring	 G5SW0179
Blue Bird Spring	 G5SW0028
Jurassic Spring	 G5SW0178

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/3/2021 1730
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

IM

Rec'd/Inspected

Date:

8/4/21

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/3/2021
Customer: SW-DIST
RQ: RQ-2021-08-02-66
Collected By: Natalie Abdo, Kevin Grace
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
Highland Lake @ Center	 G5SW0180

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/3/2021 1730
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

IM

Rec'd/Inspected

Date:

8/4/21



RQ-2021-08-02-66	Collected By: Natalie Abdo, Kevin Grace
Customer: FDEP	Field Report Prepared by: Natalie Abdo, Kevin Grace
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SW0180	Comments:

Location:

Location: Highland Lake @ Center

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)
8/3/2021 1015	4.75	58.1	25.9	7.2	0.3	0.5	0.5	62.4	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*	
		Lot #	SA	Exp:		4/2/2022	X	<2	1
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD	Ice		HNO3*	
		Lot #		Exp:				<2	
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter		X	Ice	1
		Filter Lot #							A
		Syringe Lot #							
Chlorophyll (BP-1L)	X	CHLSUITE-W			X	Ice			1
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
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			
		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)	W-CT-CL-R					
Phytoplankton		DTY-QN-C	PKD-QN-BV			Ice			



RQ-2021-08-02-66	Collected By: Kevin Grace, Natalie Abdo
Customer: FDEP	Field Report Prepared by: Kevin Grace, Natalie Abdo
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G55W0179	Comments:

Location:

Location: Weeki Wachee Spring

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)											
8/3/2021 935	1.66	19.6	23.7	7.53	0.3	2	2	310.2	0.15											
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			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 #																		
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												
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R														
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice												



RQ-2021-08-02-66

Collected By: Kevin Grace, Natalie Abdo

Customer: FDEP

Field Report Prepared by: Kevin Grace, Natalie Abdo

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G5SW0028

Comments:

Location:

Location: Blue Bird Spring

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)
8/3/2021 1115	4.72	56.6	24.3	7.08	0.3	0.5	0.5	322.4	0.15

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*	☒ X	<2	1	A	
	Lot # SA Exp: 4/2/2021							
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			1	A	
	Filter Lot # Syringe Lot #							
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ 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)	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						
	W-PCL-TQ-R W-CARB-AA (5 ml of MCAA™ Buffer Solution) W-CT-CL-R							
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice						

Added to reflect
 received samples
 -IM 8/4/21



RQ-2021-08-02-66	Collected By: Kevin Grace, Natalie Abdo
Customer: FDEP	Field Report Prepared by: Kevin Grace, Natalie Abdo
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. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)			
8/3/2021 1215	5.87	70.8	24.9	7.45	0.3	0.5	0.8	93.7	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 #	Sa		Exp:	4-2-2021						
Metals (P-500ML)		W-ICPMS		W-ICP		Ice		HNO3*		<2		
		Lot #			Exp:							
Filtered Nutrients (P125ML)	X	W-P04-F	X	Field Filtered 0.45 µm Filter		X	Ice				1	A
		Filter Lot #										
		Syringe Lot #										
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)		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						
		Contract Lab										
Molecular (QPCR-P-500ML)		PCR-HF183		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						
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R						
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice						

Added to reflect
Received samples

-FM 8/4/21



RQ-2021-08-02-66

Customer: WQAP

Project ID: SMP

Collected By: Natalie Abdo, Kevin Grace

Field Report Prepared By: Natalie Abdo

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



GSW0177

Location: House Spring

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
8/3/2021	1200 EST	5.4	64.1	23.7	7.84	0.3	2.2 ☒ VOB (S)	2.2	179.8	0.08
	1202 EST	5.75	67	23.5	7.96	1.7			182.6	0.09

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 # SA Exp: 4/2/2021	☒ Ice ☒ H2SO4* ☒ <2		1	A
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		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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 ☐ Contract Lab	☐ Ice			
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 WE8321-MS W-PSNP-TQ W-CT-CL-R W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Phytoplankton/Periphyton	DTY-QN-C PKD-QN-BV	☐ Ice			
Name: Natalie Abdo Kevin Grace	Signature: IM	Date: 8/4/21 9:45			

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: House Spring

Date: 8/3/2021

WIN/Field ID: GSW0177

WBID: 1341D

ENR:

Latitude: 28.89596

County: Citrus

Org ID: SWROC

Longitude: -82.58968

Receiving Body of Water: Crystal River

RQ- 2021-08-02-66

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Natalie Abdo	x	x			
☒	Kevin Grace			x	x	x
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☐ Pole
Depth measured with: Sonar	
Secchi Equipment ID:	
Collection Method	
☒ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded

Meter ID# SWD

Photos: No

Flow: NA

Tide:

Tide Times:

High: Low

Biological Samples Collected:

☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:

SBIO ID Numbers:

Notes:

Duplicate Sample

Time Zone: EST

Time:

Field ID: N/A

(WIN ID_DUP)

WIN DMT Activity ID:

Blank

Time Zone:

Time:

Field ID:

(Blank Type_DDMYYYY)

DI Source:

Location:

DI Type:

Equipment ID:

DI Container (Name/ID):

DI Container Type:

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

Date of Request: 20-JUL-2021
 Created By: PASWATER_B On: 20-JUL-2021
 Modified By: JASROTIA_P On: 20-JUL-2021
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: Run 3

Send Coolers To:

Phone: 813-632-7600
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Cooler Ship EMail: benjamin.paswater@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-JUL-2021
 Biology Request Reviewed By: JASROTIA_P On: 20-JUL-2021
 Sampling Kit Required: YES Ship on: 23-JUL-2021
 Sampling Kit Shipped: YES On: 21-JUL-2021
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 02-AUG-2021
 Logged In By:

Send Final Report To:

13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Report Notification EMail:
 benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us

Comments:**Bottle Group A (Water) With 5 Samples:**

Bottle Type: P-1L	Number of Bottles: 5	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	(SM 2120 B-2011) 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-2011) Total Dissolved Solids in aqueous matrices
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: 5	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 5	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 Type: P-125ML	Number of Bottles: 5	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L