Login Checklist

RQ- 2023-07-03-45 **Login Station ID:** 5

Shipping Method: FedEx | UPS | HD | Greyhound **Date/Time of Receipt:** 7/ 14/ 23 @ 9:22

*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				7		x			5859 4723 7365
1-1				10		x			5859 4737 201

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/ Field Sheet(s) Included? Yes x No_____

CONTAINER CHECK

Evidence Tape on Bottles? Yes_____ No_____ NA x Evidence Tape intact? Yes_____ No _____

If Criminal, photographs taken? Yes ____ No x 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:_____

Chlorine detected? *(One container checked per Field ID)* Yes_____ No x 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 x No_____ NA_____ Init: C.P

**W-1-4-DIOX *(Green dot on container)* preserved to pH< 4.0? Yes_____ No_____ NA x Init: C.P

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

Coolers Unpacked/Checked by: C.P **Date:** 7/ 14 /23 **Event contains NCRs (Y/N)?** N

Event ID: SO-DIST-2023-07-14-01 (SMP)
Date Received: 14-JUL-2023 09:22

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	221426058 10/17/23
pH Test Strips 0 – 6	207621 03/15/2024
pH Paper 0 – 3	NA
pH Paper 0 – 13	20762103 03/15/2024
Chlorine Test Strips	1196 02/2024

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 7/13/2023
Customer: SO-DIST
RQ: RQ-2023-07-03-48
Collected By: Monica Jaeger, John Barrington
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
JOSHUACREEKATAIRPORTAVE	G3SD0184
HOG BAY AT CR 763	G3SD0096
HAWTHORNE CREEK AT REYNOLDS ST	G3SD0011
FB	FB_07132023
JOSHUA CREEK ABOVE PEACE RIVER	G3SD0159

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 7/13/2023 1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: Chris P

Rec'd/Inspected Date: 7-14-23

RQ-2023-07-03-48	**Collected By**: Monica Jaeger, John Barrington
Customer: FDEP	**Field Report Prepared by**: Monica Jaeger, John Barrington
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0184	**Comments**: Microbiology sample(s) submitted to contract laboratory.
Location: JOSHUACREEKATAIRPORTAVE	
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)
7/13/2023 910	6.09	79.1	28.9	7.61	0.3	0.4	1.4	494.7	0.24

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	B
	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	H2SO 4*	<2		
			Acid Preservative Expiration Date								
			Acid Preservative Lot Number								

RQ-2023-07-03-48	**Collected By**: Monica Jaeger, John Barrington
Customer: FDEP	**Field Report Prepared by**: Monica Jaeger, John Barrington
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0096	**Comments:**
Location: HOG BAY AT CR 763	
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)
7/13/2023 925	3.31	42.8	28.3	7.46	0.15	0.3	0.3	900	0.44

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)		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)	X	W-E8321-DI	x	W-E8321-MS			x	Ice					1	A
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		H2SO 4*				
				Acid Preservative Expiration Date								<2		
				Acid Preservative Lot Number										

RQ-2023-07-03-48	**Collected By:** Monica Jaeger, John Barrington
Customer: FDEP	**Field Report Prepared by:** Monica Jaeger, John Barrington
Project ID: SMP	**Sampling Agency:** FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0011	**Comments:** Microbiology sample(s) submitted to contract laboratory.
Location: HAWTHORNE CREEK AT REYNOLDS ST	
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)
7/13/2023 945	5.68	72.8	27.9	7.81	0.2	0.4	0.4	950	0.46

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 **Lot #** SA3013020 **Exp:** 01/25/2024	x Ice X H2SO4*	X <2	1	D
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD **Lot #** NA2230040 **Exp:** 09/01/2023	X Ice X HNO3*	X <2	1	D
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter **Filter Lot #** **Syringe Lot #**	Ice			
BOD (BP-1L)	OV-BODUNIN	Ice			
Chlorophyll (BP-1L)	x CHLSUITE-W	x Ice		1	D
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	D
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 Contract Lab	x Ice		1	D
Molecular (QPCR-P-500ML)	X PCR-HF183 X PCR-BacR X PCR-DG3 PCR-GULL2 PCR-GFD	x Ice		1	D
Tracers (BG-500ML)	X W-E8321-DI X W-E8321-MS	x Ice		1	D
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 W-TR-SQ-R W-PCB-TQ-R	Ice **MCAA Exp.**	**MCAA Lot#**		
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			
DOC	W-DOC Field Filtered 0.45 um Filter **Acid Preservative Expiration Date** **Acid Preservative Lot Number**	Ice H2SO 4*	<2		

RQ-2023-07-03-48	**Collected By**: Monica Jaeger, John Barrington
Customer: FDEP	**Field Report Prepared by**: Monica Jaeger, John Barrington
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0159	**Comments**: Microbiology sample(s) submitted to contract laboratory.
Location: JOSHUA CREEK ABOVE PEACE RIVER	
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)
7/13/2023 1010	6.17	80	28.6	7.67	0.2	0.4	0.4	699	0.34

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 #: ; Exp:	Ice ☐ H2SO4* ☐	<2		
Metals (P-500ML)	W-ICPMS ☐ W-ICP ☐ W-HARD ☐; Lot #: ; Exp:	Ice ☐ HNO3* ☐	<2		
Filtered Nutrients (P125ML)	W-PO4-F ☐ Field Filtered 0.45 um Filter ☐; Filter Lot #: ; Syringe Lot #:	Ice ☐			
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 Contract Lab	x Ice		1	C
Molecular (QPCR-P-500ML)	X PCR-HF183 X PCR-BacR X PCR-DG3; ☐ PCR-GULL2 ☐ PCR-GFD	x Ice		1	C
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; 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	x Ice; MCAA Exp.: ; MCAA Lot#:		4	C
Phytoplankton	DTY-QN-C ☐ PKD-QN-BV ☐	Ice ☐			
DOC	W-DOC ☐ Field Filtered 0.45 um Filter ☐; Acid Preservative Expiration Date: ; Acid Preservative Lot Number:	Ice ☐ H2SO4* ☐	<2		

RQ-2023-07-03-48	**Collected By**: Monica Jaeger, John Barrington
Customer: FDEP	**Field Report Prepared by**: Monica Jaeger, John Barrington
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID**: FB_07132023	**Comments**: Microbiology sample(s) submitted to contract laboratory.
Location: FB	
Matrix: W-FIELD-BLANK	(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)
7/13/2023 955									

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 Lot # SA3013020 Exp: 01/25/2024	X Ice X H2SO4*	X	<2	1	E
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # NA2230040 Exp: 09/01/2023	X Ice X HNO3*	X	<2	1	E
Filtered Nutrients (P125ML)	W-PO4-F; Field Filtered 0.45 um Filter Filter Lot # ; Syringe Lot #	Ice				
BOD (BP-1L)	OV-BODUNIN	Ice				
Chlorophyll (BP-1L)	CHLSUITE-W	Ice				
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	E
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)	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)	X W-E8321-DI X W-E8321-MS	x Ice			1	E
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 W-TR-SQ-R; W-PCB-TQ-R	Ice; MCAA Exp.; MCAA Lot#				
Phytoplankton	DTY-QN-C; PKD-QN-BV	Ice				
DOC	W-DOC; Field Filtered 0.45 um Filter Acid Preservative Expiration Date Acid Preservative Lot Number	Ice; H2SO4*		<2		

Benchmark EnviroAnalytical, Inc.
1001 Corporate Ave. Suite 102
North Port, FL 34289
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 4.2 °C

Checked at Benchmark EA South E85086 With Temperature Gun ID #7

Client Name: FDEP
Address: 2600 Blair Stone Rd. Tallahassee, FL, 32399
Phone: (239) 344-5718
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab ~~C00EF5~~

Project Name: RQ-2023-07-03-48
Project Run/Location: SMP/Stadium Frazier

Laboratory Submission #: S23070307

Station ID	Surface Water Sample Matrix² (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray) — E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL		Laboratory Sample #
G35D0184	(F) / M / (Grab)	(E. coli) / Entero / Fecal coliform	Date & Time: 7/13/23 910	1
G35D0.51	(F) / M / (Grab)	(E. coli) / Entero / Fecal coliform	Date & Time: 7/13/23 1010	2
~~G35D~~ G35D0011	(F) / M / (Grab)	(E. coli) / Entero / Fecal coliform	Date & Time: 7/13/23 945	3
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli / Entero / Fecal coliform	Date & Time:	

1 "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
2 "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).
3 "Container Type" is used to indicate whether the container is plastic (P) or glass (G)
4 Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Instructions:
1. Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:
pH <2 : 0   BEAS Temperature: 4.2°C

		Date	Time	Received By	Date	Time
1	Collector: Mitch Baggett	7/13/23	1100	Melinda Merchant — Melinda Merchant - BEAS	7/13/23	1100
2	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
3	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
5	Relinquished by:	Date:	Time:	Received By:	Date:	Time:

RQ-2023-07-03-48

Date of Request: 13-JUN-2023
Created By: JAEGER_M On: 13-JUN-2023
Modified By: JASROTIA_P On: 15-JUN-2023
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Event Description: 2023 SMP: Stadium Arcadia

Send Coolers To:

Phone: 239-344-5716
FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: Monica.Jaeger
Cooler Ship EMail: Monica.Jaeger@FloridaDEP.gov

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 15-JUN-2023
Biology Request Reviewed By: JASROTIA_P On: 15-JUN-2023
Sampling Kit Required: YES Ship on: 23-JUN-2023
Sampling Kit Shipped: YES On: 23-JUN-2023
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: YES
Date to Receive Samples: 04-JUL-2023
Logged In By: PENDLETO_C On: 13-JUL-2023

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: Monica Jaeger
Report Notification EMail:
Nicole.Reistad@FloridaDEP.gov;John.Barrington@FloridaDEP.gov;Monica.Jaeger@FloridaDEP.gov

Comments:
Group A: (Charlie Creek, Hog Bay) Tracers
Group B: (Joshua) E.coli
Group C: (Josh Above Peace) E. coli, PCR, Tracers, W-CT-CI-R/W-PCL-TQ-R/W-PCB-TQ-R
Group D: (Hawthorne) Fresh Nutrients, fresh Metals, E. coli, PCR, Tracers
Group E: Blank

##########

Sulfuric Acid= 2 boxes
##########

Bottle Group A (Water) With 2 Samples:

Bottle Type: BG-500ML Number of Bottles: 2 Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE

SD-BES-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port

Bottle Group C (Water) With 1 Samples:

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

PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE

SD-BES-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port

Bottle Type: BG-500ML FILL TO Number of Bottles: 4 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:	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group C (Water) With 1 Samples:

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE

SD-BES-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/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		
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: 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 Group D (Water) With 1 Samples:

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: QPCR-P-500ML Number of Bottles: 1 Preserved With: ICE

PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Group E (Water) With 1 Samples:

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: BG-500ML Number of Bottles: 1 Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/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:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Manganese		
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: 1 Preserved With: ICE And H2SO4

Bottle Group E (Water) With 1 Samples:

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

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