McCoy, Ian

From: Baker, Thomas J
Sent: Thursday, March 17, 2022 10:38 AM
To: McCoy, Ian
Cc: Mullen, William
Subject: Re: RQ-2022-03-21-40

Follow Up Flag: Follow up
Flag Status: Flagged

Yes that is correct. Just incase you need it the acid lot for the preserved nutrients for the blank is SA1105060 and exp is 04/30/22.

Thank you,

Thomas Baker
Environmental Specialist II
Environmental Assessment and Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 364
Fort Myers, FL 33901
Thomas.J.Baker@FloridaDEP.gov
Office: 239-344-5663

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Thursday, March 17, 2022 10:24:37 AM
To: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Cc: Mullen, William <William.Mullen@FloridaDEP.gov>
Subject: RE: RQ-2022-03-21-40

Good morning, I received this RQ today and noticed that the Field Blank sample submittal form didn't have a bottle count, I checked all the boxes that apply to the samples received, can you confirm this is acceptable?

Attached is a scan of the above paperwork, just let me know if you have any questions, have a great day!

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

From: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Sent: Wednesday, March 16, 2022 3:44 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Mullen, William <William.Mullen@FloridaDEP.gov>
Subject: RQ-2022-03-21-40

Hello,

Here is the COC for RQ-2022-03-21-40.

Thank you,

Thomas Baker
Environmental Specialist II
Environmental Assessment and Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 364
Fort Myers, FL 33901
Thomas.J.Baker@FloridaDEP.gov
Office: 239-344-5663

Login Checklist

RQ-2022-03-21-40

Login Station ID: #2

Shipping Method: ~~FedEx~~ | UPS | HD | Greyhound

Date/Time of Receipt: 3/17/2022 9:25

*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	
1.1				12		✓			5225 5541 3742

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 ✓ 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:** 3/17/2022 **Event contains NCRs (Y/N)?** N

Event ID: 2022 SMP : Charlotte Harbor SO-DIST-2022-03-17-01 (SMP)

Date Received: 17-MAR-2022 09:25

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/19/22
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	207621 exp: 3/15/24
Chlorine Test Strips	0070 exp: 02/2023

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: 3/16/2022
Customer: SO-DIST
RQ: RQ-2022-03-21-40
Collected By: Thomas Baker, William Mullen
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
TRAILER PARK CANAL	G3SD0072
MYAKKA CUTOFF (WESTERN PORTION)	G3SD0073
FB	FB_03162022
Tippecanoe Bay South	G3SD0217
Tippecanoe Bay North	G3SD0218
Myakka River West	G3SD0219
Myakka River East	G3SD0220

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 3/16/2022
1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: IM	**Rec'd/Inspected Date:** 3/17/22

RQ-2022-03-21-40	**Collected By**: Thomas Baker, William Mullen
Customer: FDEP	**Field Report Prepared by**: Thomas Baker, William Mullen
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID**: G3SD0072	**Comments**: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: TRAILER PARK CANAL

Matrix: Marine | (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
3/16/2022 1005	6.74	91.4	23	7.58	0.3	1	1	40983	26.25

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)	x W-ICPMS; X W-ICP; W-HARD; Lot #: NA1105100; Exp: 06/07/22	X Ice; X HNO3*	X <2	1	A
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-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; X F Coli; X Enterococci; X Contract Lab	x Ice		2	A
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; 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			

RQ-2022-03-21-40	**Collected By**: Thomas Baker, William Mullen
Customer: FDEP	**Field Report Prepared by**: Thomas Baker, William Mullen
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0073	**Comments**: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: MYAKKA CUTOFF (WESTERN PORTION)

Matrix: Marine | (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
3/16/2022 1020	6.84	95	23.7	7.92	0.25	0.5	0.5	43917	28.35

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 # SA1105060 Exp: 04/30/22	x Ice X H2SO4*	X	<2	1	B
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)	x CHLSUITE-W	x Ice			1	B
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)	X Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	x Ice			1	B
Macroinvertebrates (PJ-2L)	MI-FW-QLDC **Formalin Lot #**	Formalin				
Periphyton (PT-50ML)	ALGAE-ID	Ice				
Microbiology (Contract Lab Bottle)	E Coli X F Coli X Enterococci X Contract Lab	x Ice			2	B
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 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				

RQ-2022-03-21-40	**Collected By**: Thomas Baker, William Mullen
Customer: FDEP	**Field Report Prepared by**: Thomas Baker, William Mullen
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID**: FB_03162022	**Comments**: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: FB

Matrix: DI Water | (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
3/16/2022 1026									

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 # SA1105060 Exp: 4/30/22	✓ Ice ✓ H2SO4*	✓ <2	1	D
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-BR-IC / W-F / W-TSS / TURBIDITY	✓ Ice		1	D
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 ☐ 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			

RQ-2022-03-21-40	**Collected By**: Thomas Baker, William Mullen
Customer: FDEP	**Field Report Prepared by**: Thomas Baker, William Mullen
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID**: G3SD0217	**Comments**: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: Tippecanoe Bay South

Matrix: Marine | (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
3/16/2022 1045	7.58	102.2	22.7	8	0.3	1.1	1.1	41174	26.38

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-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 X F Coli X Enterococci X Contract Lab	x Ice		2	C
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 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			

RQ-2022-03-21-40	**Collected By**: Thomas Baker, William Mullen
Customer: FDEP	**Field Report Prepared by**: Thomas Baker, William Mullen
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0218	**Comments**: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: Tippecanoe Bay North

Matrix: Marine — (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
3/16/2022 1100	6.59	89.3	23.2	7.84	0.3	0.8	0.8	40172	25.67

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 # SA1105060 Exp: 04/30/22	x Ice x H2SO4*	X	<2	1	B
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)	x CHLSUITE-W	x Ice			1	B
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)	X Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	x Ice			1	B
Macroinvertebrates (PJ-2L)	MI-FW-QLDC **Formalin Lot #**	Formalin				
Periphyton (PT-50ML)	ALGAE-ID	Ice				
Microbiology (Contract Lab Bottle)	E Coli X F Coli X Enterococci X Contract Lab	x Ice			2	B
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 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				

RQ-2022-03-21-40	**Collected By:** Thomas Baker, William Mullen
Customer: FDEP	**Field Report Prepared by:** Thomas Baker, William Mullen
Project ID: SMP	**Sampling Agency:** FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0219	**Comments:** Microbiology sample(s) submitted to contract laboratory.
Location: **Location:** Myakka River West	
Matrix: Marine	(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
3/16/2022 1145	7.29	95.8	23.4	7.88	0.3	0.9	1	30124	19.5

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 # SA1105060 Exp: 04/30/22	X Ice X H2SO4*	X <2	1	B
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)	x CHLSUITE-W	x Ice		1	B
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)	X Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	x Ice		1	B
Macroinvertebrates (PJ-2L)	MI-FW-QLDC Formalin Lot #	Formalin			
Periphyton (PT-50ML)	ALGAE-ID	Ice			
Microbiology (Contract Lab Bottle)	E Coli X F Coli X Enterococci X Contract Lab	x Ice		2	B
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 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			

RQ-2022-03-21-40	**Collected By**: Thomas Baker, William Mullen
Customer: FDEP	**Field Report Prepared by**: Thomas Baker, William Mullen
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0220	**Comments**: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: Myakka River East

Matrix: Marine | (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
3/16/2022 1205	7.02	91.3	23.5	7.75	0.3	1.1	1.1	27561	16.94

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-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				x Ice			2	C
	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				

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

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: ~~(850) 245-8085~~ 239-470-0873
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab ~~B16970~~ B95341

Project Name: RQ~~2020~~-2022-03-21-40
Project Run/Location:

Laboratory Submission #: S22030525

Station ID	Surface Water Sample Matrix[2] (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray) E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL	Laboratory Sample #
G35D0072	F / M / Grab	E.coli / Entero / F.coli Date & Time: 3/16/22 1006	1-a/b
G35D0073	F / M / Grab	E.coli / Entero / F.coli Date & Time: 3/16/22 1020	2 a/b
G35D0217	F / M / Grab	E.coli / Entero / F.coli Date & Time: 3/16/22 1045	3 a/b
G35D0218	F / M / Grab	E.coli / Entero / F.coli Date & Time: 3/16/22 1100	4 a/b
G35D0219	F / M / Grab	E.coli / Entero / F.coli Date & Time: 3/16/22 1145	5 a/b
G35D0220	F / M / Grab	E.coli / Entero / F.coli Date & Time: 3/16/22 1205	6 a/b
	F / M / Grab	E.coli / Entero / F.coli Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli Date & Time:	
	F / M / Grab	E.coli / Entero / F.coli 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, pre-assigned 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: 3.8°C

		Date	Time	Received By:	Date	Time
1	Collector: William Muller	03/16/22	1324	Kristina Hinton-BEAS KHinton	3/16/22	1324
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-2022-03-21-40

Date of Request: 07-MAR-2022
Created By: MULLEN_W On: 07-MAR-2022
Modified By: JASROTIA_P On: 08-MAR-2022
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Event Description: 2022 SMP : Charlotte Harbor

Send Coolers To:

Phone: 239-344-5716
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: William Mullen
Cooler Ship EMail: William.Mullen@FloridaDEP.gov

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 08-MAR-2022
Biology Request Reviewed By: JASROTIA_P On: 08-MAR-2022
Sampling Kit Required: YES Ship on: 11-MAR-2022
Sampling Kit Shipped: YES On: 10-MAR-2022
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 21-MAR-2022
Logged In By:

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: William Mullen
Report Notification EMail:
Nicole.Reistad@FloridaDEP.gov;Kirby.Wolfe@dep.state.fl.us;William.Mullen@FloridaDEP.gov;Monica.Jaeger@FloridaDEP.gov;Thomas.J.Baker@FloridaDEP.gov

Comments: Group A: (Trailer) Marine Metals, Entero, Fecal
Group B: (Myakka cut, Tippecanoe A, Myakka River BB) Marine Nutrients, Entero, Fecal
Group C: (Tippecanoe B, Myakka BA): Entero, Fecal
Group D: Marine Nutrients BLANK

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
SD-BES-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port
Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
SD-BES-FC Template: DEFAULT (SM 9222 D) Fecal coliforms by MF by BEA South in North Port
Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3
W-ICP Template: SMP-MARINE (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
- Strontium
- Tin
- Titanium
- Vanadium
- Zinc

W-ICPMS Template: SMP-MARINE (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

- *Strontium
- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium
- Cobalt
- Copper

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICPMS	Template: SMP-MARINE	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Lead
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-1L Number of Bottles: 3 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-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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: 3 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI Number of Bottles: 3 Preserved With: ICE

SD-BES-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port

Bottle Type: P-250ML-WI-THI Number of Bottles: 3 Preserved With: ICE

SD-BES-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by BEA South in North Port

Bottle Type: P-500ML Number of Bottles: 3 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 Group C (Water) With 2 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE

SD-BES-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by BEA South in North Port

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE

SD-BES-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port

Bottle Group D (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-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

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.