

Klug, Kyle

From: Wolfe, Kirby
Sent: Thursday, November 5, 2020 10:39 AM
To: Klug, Kyle; Snorek, Gary; Carroll, Miranda
Cc: Ayres, Joshua
Subject: RE: RQ-2020-11-02-40 | Collection Times

Whatever is on the coc.

Kirby Wolfe
Team Lead
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

----- Original message -----

From: "Klug, Kyle" <Kyle.Klug@FloridaDEP.gov>
Date: 11/5/20 10:26 AM (GMT-05:00)
To: "Snorek, Gary" <Gary.Snorek@dep.state.fl.us>, "Wolfe, Kirby" <Kirby.Wolfe@FloridaDEP.gov>, "Carroll, Miranda" <Miranda.Carroll@FloridaDEP.gov>
Cc: "Ayres, Joshua" <Joshua.Ayres@dep.state.fl.us>
Subject: RQ-2020-11-02-40 | Collection Times

Good morning,

The collection times on the bottles are an hour behind what is on the CoC. Can you please confirm the correct collection times?

Thank you,



Kyle Klug
Lab Technician IV
DEP Laboratories
Voice: 850.245.8153
Kyle.Klug@floridadep.gov

Login Checklist

RQ- 2020-11-02-40

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/ 5 /20 @ 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	
-0.5				8		✓			9293 8007 6596

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: KK

Chlorine detected? (One container checked per Field ID) Yes _____ No ☒ Init: KK

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: KK

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0? Yes _____ No _____ NA ☒ Init: KK

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

Coolers Unpacked/Checked by: KK Date: 11/ 5 /20 Event contains NCRs (Y/N)? N

Event ID: Big Slough + Bobcat
SO-DIST-2020-11-05-01 (SMP)
 Date Received: 05-NOV-2020 09:25

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	Temp Gun #5 EXP:10/28/2021
pH Test Strips 0 – 6	5/15/21 LOT#213316BV
pH Paper 0 – 3	
pH Paper 0 – 13	231019 EXP:11/01/2022
Chlorine Test Strips	8261 EXP:07/2021

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: 11/4/2020 **Collected By:** Kirby Wolfe, Miranda Carroll
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2020-11-02-40 **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

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Bobcat Creek In Preserve East	 G3SD0131
FB	 FB110420
Big Slough Canal	 G3SD0161

RELINQUISHED BY(SIGNATURE):

DATE/TIME:

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: KH

Rec'd/Inspected Date: 11.5.20/0925



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: Big Slough Canal **Date:** 11/4/2020
WIN/Field ID: G3SD0161 **WBID:** 1976C **ENR:** **Latitude:** 27.0394
County: SARASOTA **Org ID:** 21FLFTM **Longitude:** -82.2448
Receiving Body of Water: Gulf of mexico **RQ:** 2020-11-02-40

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Kirby Wolfe	☒	☒			
☒	Miranda Carroll		☒	☒	☒	
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☒ Pole
Depth measured with: Secchi	
Secchi Equipment ID: 3312B	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# SNEK	
Photos: NO	Flow: FLOW	Tide: FALLING	Tide Times: High: 03:54 Low: 12:14
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SBIO ID Numbers:			
Notes:			

Duplicate Sample	
Time Zone: EST Time: N/A	Field ID: N/A (WIN ID_DUP)
WIN DMT Activity ID:	

Blank	
Time Zone: Time: N/A	Field ID: N/A (Blank Type_ODM/YYYY)
DI Source: N/A	Location: N/A
DI Type: N/A	Equipment ID: N/A

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)



RQ-2020-11-02-40

Customer: WQAP

Project ID: SMP

Collected By: Kirby Wolfe, Miranda Carroll

Field Report Prepared By: Kirby Wolfe

Sampling Agency: FDEP

Place Label Here						Comments: Microbiology sample(s) submitted to contract laboratory				
WIN ID/Field ID: 										
G3SD0161										
Location: Big Slough Canal										
Matrix: Marine						(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 (PPT)
11/4/2020	12:50 EST	7.22	84.2	22.7	7.39	0.3	0.4 ☒ VOB (S)	0.4	634	0.31
Central Lab please use top row for login purposes										
EST										
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-ICPM5 ☐ 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 #								
Chlorophyll (BP-1L)		☐ CHLSUITE-W				☐ Ice				
Physical/Aggregate (Fresh) (P-1L)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☐ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab				☒ Ice			1	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-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Name: Kirby Wolfe Miranda Carroll				Signature:				Date:		

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: Bobcat Creek In Preserve East **Date:** 11/4/2020
WIN/Field ID: G3SD0131 **WBID:** 2033 **ENR:** **Latitude:** 27.0597
County: DESOTO **Org ID:** 21FLFTM **Longitude:** -82.0074
Receiving Body of Water: Sarasota Bay - Peace - Myakka **RQ:** 2020-11-02-40

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Kirby Wolfe	x	x			
☒	Miranda Carroll		x		x	x
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☐ Pole
Depth measured with: Secchi	
Secchi Equipment ID: 3312B	
Collection Method	
☒ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID# SNEK							
Photos: NO		Flow: FLOW		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: N/A	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone: EST	Time: 11:45	Field ID: FB110420	(Blank Type_DDMYYYY)
DI Source: Soroc lab di system-short round		Location:	
DI Type: FB		Equipment ID: Shortround	

LIMS EVENT ID: **WIN Import ID:**
Enter Field Parameters, Verify Station ID In LIMS DMT: **QC Station ID, Field Parameters In LIMS DMT:**
(Initials/Date) (Initials/Date)
Scan/Save Field Sheets **Migrate Data to WIN:** **Verify Data In WIN:**
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2020-11-02-40

Customer: WQAP

Project ID: SMP

Collected By: Kirby Wolfe, Miranda Carroll

Field Report Prepared By: Kirby Wolfe

Sampling Agency: FDEP

Place Label Here WIN ID/Field ID: G3SD0131 Location: Bobcat Creek In Preserve East						Comments: Microbiology sample(s) submitted to contract laboratory				
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 (PPT)
11/4/2020	11:30 EST	6.77	75.1	20.2	6.83	0.1	0.2 ☒ VOB (S)	0.2	242.4	0.11
↑ Central Lab please use top row for login purposes ↑										
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	1	A
		Lot # Sa0038110		Exp: 2/7/21						
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	A
		Lot # Na9354060		Exp: 12/20/20						
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	A
		Filter Lot # 17101170								
		Syringe Lot # 79931								
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				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci ☒ Contract Lab				☒ Ice			1	A
Molecular (QPCR-P-500ML)		☒ PCR-HF183 ☒ PCR-BacR ☒ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐				☒ Ice			1	A
Tracers (BG-500ML)		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice			2	A
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Name:					Signature:					Date:

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



RQ- 2020-11-02-40

Customer: WQAP

Project ID: SMP

Collected By: Kirby Wolfe, Miranda Carroll

Field Report Prepared By: Kirby Wolfe, Miranda Carroll

Sampling Agency: FDEP

BLANK



Field ID: FB110420

Comments:

Matrix: FB

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Soroc lab di system-short round

11/4/2020

11:45

EST / CST

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 Lot # _____ Exp: _____	☐ Ice ☐ H2SO4	☐ <2		
Filtered Nutrients (P125ML)	☐ W-PO4-F Filter ☐ Field Filtered 0.45 µm Filter Lot # _____ Syringe Lot # _____	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-IC / TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		2	C
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Name: Kirby Wolfe Miranda Carroll		Signature:		Date:	

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

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: (239) 344-5719
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab B77880

Project Name: RQ-2020- 11-02-40
Project Run/Location: Bobcat + Big Slough

Laboratory Submission #: SZ0110103

Station ID	Surface Water Sample Matrix* (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray)	Laboratory Sample #
		E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL	
G3SD0131- Bobcat	F / M / Grab	E.coli / Entero / F.coli Date & Time: 11/4/20 1030	1
G3SD0131- Big Slough	F / M / Grab	E.coli / Entero / F.coli Date & Time: 11/4/20 1150	2
	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:	
	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:	

Sample Type is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

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).

Container Type is used to indicate whether the container is plastic (P) or glass (G).

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:

- Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- 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.
- All bottles not containing preservative may be reused 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: 5.4°C

1	Collector: [Signature]	Date: 11/4/20	Time:	Received By:	Date:	Time:
2	Relinquished by: [Signature]	Date: 11/4/20	Time: 1348	Received By: [Signature]	Date: 11/4/20	Time: 1348
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:

Date of Request: 19-OCT-2020
 Created By: SNOREK_G On: 19-OCT-2020
 Modified By: WATTS_J On: 04-NOV-2020
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: Big Slough + Bobcat

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Gary Snorek
 Cooler Ship EMail: Gary.Snorek@dep.state.fl.us

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 04-NOV-2020
 Biology Request Reviewed By: WATTS_J On: 04-NOV-2020
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 22-OCT-2020
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 02-NOV-2020
 Logged In By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Gary Snorek
 Report Notification EMail:
 Nicole.Reistad@dep.state.fl.us; Gary.Snorek@dep.state.fl.us; Kirby.Wolfe@dep.state.fl.us; Chris.Hormuth@floridadep.gov; Miranda.Carroll@floridadep.gov

Comments:

Group A: Metals marker tracers ecoli
 Group B: entero

Bottle Group A (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 CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-TC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Bromide 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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) 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 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: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
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
Barium		
Cadmium		
Iron		

Bottle Group A (Water) With 1 Samples:

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

Magnesium
 Potassium
 Sodium
 Zinc

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

*Boron
 Aluminum
 Antimony
 Arsenic
 Beryllium
 Cadmium
 Chromium
 Copper
 Lead
 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-125ML Number of Bottles: 1 Preserved With: FILTER-ICE
 W-PO4-F Template: DEFAULT (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (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

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