Klug, Kyle

From: Klug, Kyle
Sent: Wednesday, November 10, 2021 10:28 AM
To: McNally, Lauren
Cc: Mulkey, Nathan
Subject: RE: RQ-2021-11-08-23

Importance: High

Good morning,

We received this cooler late from FedEx and sites G4NW0516 & G4NW0402 had already expired. Following the SMP qualified data protocol, the CHLSUITE-W, TURBIDITY, and W-PO4-F tests were not logged in.

Thank you,
Kyle

From: McNally, Lauren <Lauren.McNally@FloridaDEP.gov>
Sent: Monday, November 8, 2021 3:00 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Mulkey, Nathan <Nathan.Mulkey@FloridaDEP.gov>
Subject: RQ-2021-11-08-23

Login Checklist

RQ- 2021-11-08-23 Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 11/ 10 /21 @ 9:38

*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	
-0.2				15		✓			9293 8011 1180

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#** 9115

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: _____

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/ 10 /21 **Event contains NCRs (Y/N)?** Y

Event ID: Escambia Bay Whaler Run
NW-DIST-2021-11-10-01 (SMP)
Date Received: 10-NOV-2021 09:38

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
pH Test Strips 0 – 6	Lot#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0070 EXP:2-23

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:	11/8/2021	**Collected By:**	Nathan Mulkey, Lauren McNally
Customer:	NW-DIST	**Sampling Agency:**	FDEP
RQ:	RQ-2021-11-08-23	**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
Escambia Bay east of Pensacola Airport	G4NW0518
Escambia Bay Gull Point	G4NW0520
Escambia Bay south of Avalon Beach	G4NW0519
Bayou Texar near Baars Park	G4NW0516
Bayou Texar 200 Meters above Hwy 90 Bridge	G4NW0402

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 11/8/2021
1630 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: KL

Rec'd/Inspected Date: 11.10.21 / 0938

RQ-2021-11-08-23	**Collected By**: Nathan Mulkey, Lauren McNally
Customer: FDEP	**Field Report Prepared by**: Nathan Mulkey, Lauren McNally
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0518	**Comments**: Microbiology sample(s) submitted to contract laboratory

Location:
Location: Escambia Bay east of Pensacola Airport

Matrix: Marine | (Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh
11/8/2021 1026	8.56	96.6	16.5	7.97	0.3	1.729	1.729	29079	18.01

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			
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	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	Ice			
Phytoplankton	DTY-QN-C; PKD-QN-BV	Ice			

RQ-2021-11-08-23	**Collected By**: Nathan Mulkey, Lauren McNally
Customer: FDEP	**Field Report Prepared by**: Nathan Mulkey, Lauren McNally
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0520	**Comments**: Microbiology sample(s) submitted to contract laboratory

Location:
Location: Escambia Bay Gull Point

Matrix: Marine — (Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh
11/8/2021 1041	8.4	94.2	17.2	7.98	0.3	0.625	0.625	29655	18.4

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			
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 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	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-BV	☐ Ice			

RQ-2021-11-08-23	**Collected By**: Nathan Mulkey, Lauren McNally
Customer: FDEP	**Field Report Prepared by**: Nathan Mulkey, Lauren McNally
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0519	**Comments**: Microbiology sample(s) submitted to contract laboratory

Location:
Location: Escambia Bay south of Avalon Beach

Matrix: Marine (Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh
11/8/2021 1058	7.35	90.4	19.2	7.79	0.3	0.373	0.373	38225	24.33

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			
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; Contract Lab	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	Ice			
Phytoplankton	DTY-QN-C; PKD-QN-BV	Ice			

RQ-2021-11-08-23	**Collected By**: Nathan Mulkey, Lauren McNally
Customer: FDEP	**Field Report Prepared by**: Nathan Mulkey, Lauren McNally
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0516	**Comments:**

Location:
Location: Bayou Texar near Baars Park

Matrix: Marine (Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh
11/8/2021 836	7.69	77.3	21.1	6.73	0.3	1.033	1.033	19715	11.77

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 # 353110 Exp:	X Ice X H2SO4* 1-11-22	X	<2	1	C
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # 0344060 Exp:	X Ice X HNO3* 1-4-22	X	<2	1	C
Filtered Nutrients (P125ML)	x W-PO4-F x Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	x Ice			1	C
Chlorophyll (BP-1L)	x CHLSUITE-W	x Ice			1	C
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	C
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	C
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	Ice				
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice				

RQ-2021-11-08-23	**Collected By**: Nathan Mulkey, Lauren McNally
Customer: FDEP	**Field Report Prepared by**: Nathan Mulkey, Lauren McNally
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0402	**Comments:**

Location:
Location: Bayou Texar 200 Meters above Hwy 90 Bridge

Matrix: Marine | (Check One) ✓Grab ☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh
11/8/2021 805	8.51	92	16.5	7.42	0.28	1.6	2.5	18630	11.09

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 # 353110 Exp:	x Ice x H2SO4* 1-11-22	X	<2	1	C
Metals (P-500ML)	x W-ICPMS x W-ICP x W-HARD Lot # 0344060 Exp:	X Ice X HNO3* 1-4-22	X	<2	1	C
Filtered Nutrients (P125ML)	x W-PO4-F x Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	x Ice			1	C
Chlorophyll (BP-1L)	x CHLSUITE-W	x Ice			1	C
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	C
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	C
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	Ice				
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice				

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's intials : NM

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by: [signature] of FDEP Date/Time: 11/8/21 1150

Sample received by: [signature] of WRL Date/Time: 11/8/21 1150

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

CST

Lab ID	Sample ID	Matrix[1]	Type[2]	Container Type	Analyses Requested	Preservative	Sample (°C)[3]	Sampling Date/Time
21-48685	G4NW0520 Escambia Bay North	BW/SW	G	Sterile plastic	Enterolert 24-QT	ice/$Na_2S_2O_3$	4.7	11/8/21/1041
	~~G4NW0443 Trout Bayou~~ 11/8/2021	~~BW/SW~~	~~G~~	~~Sterile plastic~~	~~Enterolert 24-QT~~	~~ice/$Na_2S_2O_3$~~		
21-48686	G4NW0518 Escambia Bay North	BW/SW	G	Sterile plastic	Enterolert 24-QT	ice/$Na_2S_2O_3$	4.6	11/8/21/1026
21-48687	G4NW0519 Escambia Bay North	BW/SW	G	Sterile plastic	Enterolert 24-QT	ice/$Na_2S_2O_3$	4.6	↓ 1058

Comments: **Sample Container lot#20020** Surface water, no chlorine expected

RQ - 2021-11-08-23

Contact organization FDEP Contact name Phone:

Address 160 Governmental Center, suite 308, Pensacola, FL 32502 Sampler's name: [signature]

[1]Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

[2]Type codes: G = grab, C = composite, X =

[3] Recorded using IRT-2

RQ-2021-11-08-23

Date of Request: 18-OCT-2021
Created By: KING_M On: 18-OCT-2021
Modified By: JASROTIA_P On: 19-OCT-2021
Customer: NW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northwest District
Event Description: Escambia Bay Whaler Run

Send Coolers To:

Phone: 850-595-0605
160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Michael King
Cooler Ship EMail: michael.king@dep.state.fl.us

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 19-OCT-2021
Biology Request Reviewed By: JASROTIA_P On: 19-OCT-2021
Sampling Kit Required: YES Ship on: 29-OCT-2021
Sampling Kit Shipped: YES On: 26-OCT-2021
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 08-NOV-2021
Logged In By:

Send Final Report To:

160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Myranda K Butler
Report Notification EMail:
Michael.King@dep.state.fl.us;myranda.k.butler@dep.state.fl.us

Comments: Group A: (WBID 493B, 694) Marine Nutrients, Contract Lab Bacteria

Group B: (548AC) Central Lab Bacteria

Group C: (WBID 468) Marine Nutrients, Metals, Tracers

Packing notes;

FedEx return packing slips

Do not need bottles for Contract Lab Bacteria

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L		Number of Bottles: 2	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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.))	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: TEST HAS NO		Number of Bottles: 2	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT)	Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: P-500ML		Number of Bottles: 2	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: 2	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 3 Samples:

Bottle Group B (Water) With 3 Samples:

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

FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: TEST HAS NO Number of Bottles: 3 Preserved With: ICE

NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola

Bottle Group C (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 Type: P-500ML Number of Bottles: 2 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

Calcium
Iron
Magnesium
Manganese
Strontium
Tin
Vanadium
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

*Strontium
Aluminum
Antimony
Arsenic
Beryllium
Cadmium
Chromium
Cobalt
Copper
Lead
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium

Bottle Type: P-500ML Number of Bottles: 2 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: 2 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 Type: P-1L Number of Bottles: 2 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: 2 Preserved With: ICE

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

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

SMP Project

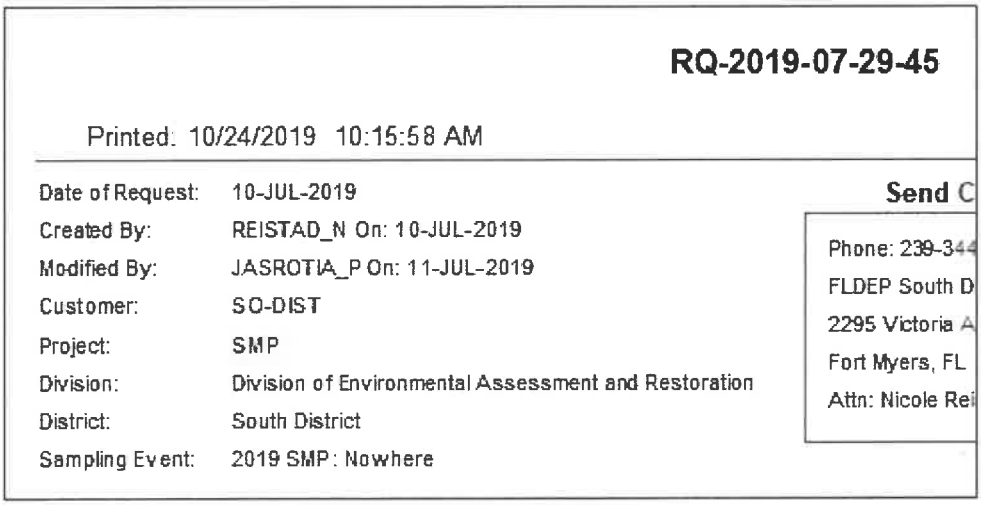
Login Protocol February 14, 2021

The SMP project can't (with certain exceptions) use either Y or Q qualified data and would rather have Receiving not login these samples. It's considered a waste of laboratory resources to analyze affected samples that will be qualified, and their data will not be used by the SMP project.

1. If the sample set contains an SCI login all bottles and run all tests regardless of hold time or temperature issues.
2. The SMP project does not want **"Y"** qualified preserved nutrients, unpreserved nutrients, microbiology, Chlorophyll, or metals data. (I.e. preservation NCR; acid or ice).
    - Preservation Exception: qPCR and organic samples (They still want these data)
        - Preservation NCR ("Y" qualifier) are acceptable for temperature and chlorine detections for these analyses.

Note: *Unpreserved metals samples may be preserved/acidified in the lab upon receipt and do not need to be qualified if they are analyzed 24 or more hours after acidification.*

3. The SMP project does not want **"Q"** qualified preserved or unpreserved nutrients data. (I.e. Out of hold time).
    - Hold Time Exception: microbiology, qPCR, and organic samples (They still want these data)
        - Out of hold time ("Q" qualifiers) are acceptable for these analyses.



RQ-2019-07-29-45

Printed: 10/24/2019 10:15:58 AM

Date of Request:	10-JUL-2019
Created By:	REISTAD_N On: 10-JUL-2019
Modified By:	JASROTIA_P On: 11-JUL-2019
Customer:	SO-DIST
Project:	SMP
Division:	Division of Environmental Assessment and Restoration
District:	South District
Sampling Event:	2019 SMP: Nowhere

Send C

Phone: 239-344
FLDEP South D
2295 Victoria A
Fort Myers, FL
Attn: Nicole Rei

Example of SMP Project RQ

If a preservation or holding time issue is observed, notify John Watts, Curtis Musson, and Joshua Ayres.