

From: [Sprague, Kara](#)
To: [Reaves, Shawn D](#)
Subject: FW: RQ-2020-11-09-29 | NW-DIST-2020-11-13-01
Date: Monday, November 23, 2020 11:22:27 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

Hi Shawn,

Can you change the sample time for G4NW0385 to 10:34 EST? See below from sampler.

Thank you,

Kara

From: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Sent: Friday, November 20, 2020 10:35 AM
To: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Subject: RE: RQ-2020-11-09-29 | NW-DIST-2020-11-13-01

Yes, I did mean 9:34 for G4NW0385.

Sorry

From: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Sent: Friday, November 20, 2020 9:33 AM
To: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Cc: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Subject: RE: RQ-2020-11-09-29 | NW-DIST-2020-11-13-01

Stopher,

Did you mean 9:34 for G4NW0385?

Thanks,

Kara

From: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Sent: Wednesday, November 18, 2020 4:21 PM
To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Cc: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Subject: RE: RQ-2020-11-09-29 | NW-DIST-2020-11-13-01

Yes, Josh that is what it looks like what happen.

The correct CEN time zone times are G4NW0481- 10:49
G4NW0080 – 10:11
G4NW0385 – 0:34

Stopher

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Sent: Wednesday, November 18, 2020 2:41 PM
To: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Cc: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Subject: RQ-2020-11-09-29 | NW-DIST-2020-11-13-01
Importance: High

Stopher -

Quick question about RQ-2020-11-09-29 | NW-DIST-2020-11-13-01.

Looks like the collection times are off by an hour when comparing the time on the overflow COC to the lab electronic COC.

Is it possible that the tablet didn't auto-adjust for daylight savings when the submittal forms were filled out? The time change seems to have affect a few others, I corrected 3 RQs last week.



RQ-2020-11-09-29

Customer: WQAP

Project ID: SMP

Place Label Here

WIN ID/Field ID:



G4NW0080

Location: Sandy Point Creek Below Sandy Point Street

Matrix: Fresh

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH
11/12/2020	11:11 CEN	2.54	29.2	22.2	5.09
Central Lab please use to					
	CEN				

Lab ID	Sample ID	Matrix	Type	Container Type	Analyses Requested	Preservative	Sample (°C)	Sampling Date/Time
26-47141	G4NW0481 Pace Mill Creek	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-QT	ice/Na2S2O3	4.4
26-47142	G4NW0080 Sandy Point Creek	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-QT	ice/Na2S2O3	6.2
26-47143	G4NW0385 Boiling Creek	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-QT	ice/Na2S2O4	5.6



JOSHUA AYRES
Environmental Specialist III
DEP Laboratories
Voice: 850.245.8206
Joshua.Ayres@dep.state.fl.us

From: Slade, Christopher "Stopher"
To: Ayres, Joshua
Cc: Sprague, Kara; Reaves, Shawn D
Subject: RE: RQ-2020-11-09-29 | NW-DIST-2020-11-13-01
Date: Wednesday, November 18, 2020 4:21:28 PM
Attachments: image001.png
image003.png
image004.png

Yes, Josh that is what it looks like what happen.

The correct CEN time zone times are G4NW0481- 10:49
G4NW0080 – 10:11
G4NW0385 – 0:34

Stopher

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Sent: Wednesday, November 18, 2020 2:41 PM
To: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Cc: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Subject: RQ-2020-11-09-29 | NW-DIST-2020-11-13-01
Importance: High

Stopher -

Quick question about RQ-2020-11-09-29 | NW-DIST-2020-11-13-01.

Looks like the collection times are off by an hour when comparing the time on the overflow COC to the lab electronic COC.

Is it possible that the tablet didn't auto-adjust for daylight savings when the submittal forms were filled out? The time change seems to have affect a few others, I corrected 3 RQs last week.

 **RQ-2020-11-09-29**
Customer: WQAP
Project ID: SMP

Place Label Here

WIN ID/Field ID:  **G4NW0080**

Location: Sandy Point Creek Below Sandy Point Street

Matrix: Fresh

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH
11/12/2020	11:11 CEN	2.54	29.2	22.2	5.09

Central Lab please use to

CEN

Lab ID	Sample ID	Matrix	Type	Container Type	Analyses Requested	Preservative	Sample (°C)	Sampling Date/Time	
20-47141	G4NW0481 Pace Mill Creek	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-OT	ice/Na2S2O3	9.4	11/12/20-10:49
20-47142	G4NW0080 Sandy Point Creek	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-OT	ice/Na2S2O3	6.2	11-12-20-10:11
20-47143	G4NW0385 Boiling Creek	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-OT	ice/Na2S2O4	5.6	11-12-20/9:34
								11-12-20/9:34	FE



JOSHUA AYRES
Environmental Specialist III
DEP Laboratories
Voice: 850.245.8206
Joshua.Ayres@dep.state.fl.us

Login Checklist

RQ- **2020- 11 - 09 - 29**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **11/13/2020 / 10:00**

*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	
3.1C				10		X			1Z 1YR 217 84 9615 5435

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 _____ No **X**

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA **X**

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

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 _____ No **X** Init: **ABS**

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: **ABS**

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: **ABS**

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

Yes _____ No _____ NA **X** Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS**

Date: **11/13/2020**

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

EventID: **Milton Navarre Run**

-NW-DIST-2020-11-13-01 (SMP)

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0.0 – 6.0	213316 BV EXP:05/15/21
pH Paper 0.0 – 3.0	XX XX XX XX
pH Paper 0.0 – 13.0	231019 EXP:11/01/2022
Chlorine Test Strips 0.-10.0	0129 / 2023 / 03

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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: 11/12/2020
Collected By: Frank Butera, Christopher Stopher
Customer: NW-DIST
Slade
RQ: RQ-2020-11-09-29
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

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

Site Location	Field ID/WIN ID
Sandy Point Creek Below Sandy Point Street	 G4NW0080
Boiling Creek At Boat Launch	 G4NW0385
Pace Mill Creek Upstream Of Hwy 90	 G4NW0481

RELINQUISHED BY(SIGNATURE): *Christopher Slade*

DATE/TIME: 11/12/2020

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected Date: 11/13/2020



RQ-2020-11-09-29

Customer: WQAP

Project ID: SMP

Collected By: Christopher Stopher Slade, Frank Butera

Field Report Prepared By: Christopher Stopher Slade

Sampling Agency: FDEP

Place Label Here						Comments: Microbiology sample(s) submitted to contract laboratory				
WIN ID/Field ID: 										
G4NW0080										
Location: Sandy Point Creek Below Sandy Point Street										
Matrix: Fresh						(Check one) ☒ GRAB ☐ COMPOSITE				
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
11/12/2020	11:11 CEN	2.54	29.2	22.2	5.09	0.3	0.4 ☐ VOB (S)	0.5	69.3	0.03
Central Lab please use top row for login purposes										
CEN										
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 #		SA9354050		Exp:		12/20/2020		
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	A
		Lot #		NA0038050		Exp:		02/07/2021		
Filtered Nutrients (P125ML)		☒ W-PC4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	A
		Filter Lot #		17097890						
		Syringe Lot #		0079929						
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A
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				
Tracers (BG-500ML)		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice			1	A
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CAR8-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Name: Christopher Stopher Slade Frank Butera						Signature: <i>Christopher Slade</i>			Date: 11/12/2020	

*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: Sandy Point Creek Below Sandy Point Street **Date:** 11/12/2020
WIN/Field ID: G4NW0080 **WBID:** 534 **ENR:** **Latitude:** 30.5683
County: SANTA ROSA **Org ID:** 21FLPNS **Longitude:** -87.02333
Receiving Body of Water: Pensacola **RQ:** 2020-11-09-29

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Christopher Stopher Slade		x		x	x
☒	Frank Butera	x		x		
☐						
☐						

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

Water Level: ☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# 155077 (ProDSS)
Photos: No	Flow: FLOW	Tide:
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:		Tide Times: High: Low:
SBIO ID Numbers:		
Notes:		

Duplicate Sample

Time Zone: CEN	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_DDMMYYYY)
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-2020-11-09-29

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Christopher Stopher Slade

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here						Comments: Microbiology sample(s) submitted to contract laboratory				
WIN ID/Field ID:										
		G4NW0481								
Location:		Pace Mill Creek Upstream Of Hwy 90								
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)
11/12/2020	11:49 CEN	6.73	77.6	22.4	6.01	0.3	0.7 ☒ VOB (S)	0.7	53.4	0.02
Central Lab please use top row for login purposes										
	CEN									
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	B
		Lot #		Sa9354050		Exp:		12/20/2020		
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP ☐ W-HARD				☐ Ice ☐ HNO3*		☐ <2		
		Lot #				Exp:				
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	B
		Filter Lot #		17097890						
		Syringe Lot #		0079929						
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	B
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	B
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 ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Name: Frank Butera Christopher Stopher Slade					Signature: Christopher Slade					Date: 11/12/2020

*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: Pace Mill Creek Upstream Of Hwy 90 **Date:** 11/12/2020
WIN/Field ID: G4NW0481 **WBID:** 420 **ENR:** **Latitude:** 30.593833
County: SANTA ROSA **Org ID:** 21FLPNS **Longitude:** -87.174637
Receiving Body of Water: Pensacola **RQ:** 2020-11-09-29

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Frank Butera	x		x		
☒	Christopher Stopher Slade		x		x	x
☐						
☐						

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

Water Level: ☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID# 155077 (ProDSS)					
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: CEN	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_DDMMYYYY)
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-2020-11-09-29

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Christopher Stopher Slade

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here						Comments: Microbiology sample(s) submitted to contract laboratory				
WIN ID/Field ID:										
		G4NW0385								
Location:		Boiling Creek At Boat Launch								
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)
11/12/2020	10:34 CEN	6.01	69	22.3	4.3	0.3	1 ☒ VOB (S)	1	16.8	0.01
Central Lab please use top row for login purposes										
CEN										
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 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-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	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-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Name: Frank Butera Christopher Stopher Slade					Signature: Christopher Slade					Date: 11/12/2020

*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: Boiling Creek At Boat Launch

Date: 11/12/2020

WIN/Field ID: G4NW0385

WBID: 517

ENR: _____

Latitude: 30.57895

County: SANTA ROSA

Org ID: 21FLPNS

Longitude: -86.90017

Receiving Body of Water: Pensacola

RQ: 2020-11-09-29

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Frank Butera	☒		☒		
☒	Christopher Stopher Slade		☒		☒	☒
☐						
☐						

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

Water Level: ☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# <u>155077 (ProDSS)</u>
Photos: <u>No</u>	Flow: <u>FLOW</u>	Tide: _____
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other: _____		Tide Times: High: _____ Low: _____
SBO ID Numbers: _____		
Notes: _____		

Duplicate Sample

Time Zone: <u>CEN</u>	Time: <u>N/A</u>	Field ID: <u>N/A</u>	(WIN ID_DUP)
WIN DMT Activity ID: _____			

Blank

Time Zone: _____	Time: <u>N/A</u>	Field ID: <u>N/A</u>	(Blank Type_DDDMMYYYY)
DI Source: <u>N/A</u>	Location: <u>N/A</u>		
DI Type: <u>N/A</u>	Equipment ID: <u>N/A</u>		

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)

Document Reference # 05.1.0

Sampler's initials: SS

Page 1 of 1

Date/Time: 11/12/2020/1117

Date/Time: 11/12/2020, 11:17

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.

[illegible]

Comments sample container lot# 20020

RQ-2020-11-09-29

Contact organization FDEP

Contact name __Mike King

Phone: (850) 595-8300

Sampler's name: Stopher Slade

³ Recorded using IRT-2

Date of Request: 20-OCT-2020
 Created By: KING_M On: 20-OCT-2020
 Modified By: JASROTIA_P On: 20-OCT-2020
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Milton Navarre Run

Send Coolers To:

Phone: 850-595-0567
 160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King
 Cooler Ship EMail: michael.king@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-OCT-2020
 Biology Request Reviewed By: JASROTIA_P On: 20-OCT-2020
 Sampling Kit Required: YES Ship on: 30-OCT-2020
 Sampling Kit Shipped: YES On: 27-OCT-2020
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 09-NOV-2020
 Logged In By: SHAIK_A On: 13-NOV-2020

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch
 Report Notification EMail:
 michael.king@dep.state.fl.us;cheryl.bunch@dep.state.fl.us

Comments:

Group A: (WBID 534) Freshwater Kit With Metals, Tracers, Contract Lab Bacteria
 Group B: (WBID 420, 444) Freshwater Kit, Contract Lab Bacteria
 Group C: (WBID 517) Contract Lab Bacteria

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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	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: 1	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
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-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
Hardness		

Printed: 11/13/2020 10:44:52

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

Barium
 Calcium
 Iron
 Magnesium
 Potassium
 Sodium
 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

*Boron
 Aluminum
 Antimony
 Arsenic
 Barium
 Beryllium
 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-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: TEST HAS NO Number of Bottles: 1 Preserved With: ICE
 NW-UWF-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

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 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 (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
 Color (true)
 W-F Template: DEFAULT (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
 W-SO4-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
 W-TDS Template: DEFAULT (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
 W-TSS Template: DEFAULT (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE