

McCoy, Ian

From: Harden, Benjamin E
Sent: Thursday, August 27, 2020 4:14 PM
To: McCoy, Ian; Ayres, Joshua; Eckles, Michael
Subject: RE: Ecoli-18QT Samples received Wednesday (8/26) afternoon

Ok, so it looks like the reason the times were wrong is that the bottles were switched. The bottles were labeled before the boat ride to each site which is when the times were added. G2TLHR0023 (Ft Gadsden @ Mouth) was sampled at 1305 and the conductivity should be in the vicinity of 120.5 while G2TLHR0042 (Apalachicola Rive 0. Miles Upstream Owl Creek) was sampled at 1325 and the conductivity should be in the vicinity of 29.7. If the bottles labeled G2TLHR0023 (Ft Gadsden @ Mouth) are reading a lower conductivity than the bottles labeled G2TLHR0042 (Apalachicola Rive 0. Miles Upstream Owl Creek) then the bottles were definitely switched.

I hope this helps, if not give me a call at (808)499-9718.

Thanks,

Ben Harden

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Thursday, August 27, 2020 1:22 PM
To: Harden, Benjamin E <Benjamin.E.Harden@FloridaDEP.gov>; Green, Terry "Chris" <Terry.Green@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: FW: Ecoli-18QT Samples received Wednesday (8/26) afternoon

Good afternoon, I received a couple of sites "RQ-2020-08-10-36/TLH-ROC-2020-08-26-01" in a cooler yesterday and ran into an issue where the time that was written on the bottles for one site matched the Site ID for the other site in the paperwork. I got into contact with Ben Harden yesterday via phone call and after discussing it, I figured the times had just been switched on the paperwork but some of our lab staff fear that other information may have been switched as well. Attached is the paperwork I have that include edits, the paperwork that was send, and a picture to help clarify what I received yesterday. I can take care of changing parameters if that's the case but could I get a second look at the paperwork to see if there are other edits that need to be made? I may need more later but at this point I think that's everything.

Thank you for your time.

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Sent: Thursday, August 27, 2020 10:02 AM
To: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Subject: FW: Ecoli-18QT Samples received Wednesday (8/26) afternoon



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

From: Fetgatter, Jessica <Jessica.Fetgatter@FloridaDEP.gov>
Sent: Thursday, August 27, 2020 09:46
To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: Ecoli-18QT Samples received Wednesday (8/26) afternoon

Hi!

So the samples I have concerns about are 2192450 and 2192451. These are the ones that the collection/ID information didn't match so you guys had to contact them yesterday afternoon. As part of this analysis, we measure the conductivity of each sample and when I went to enter them in our worksheet the field conductivity listed for 2192450 matches the reading that I got for 2192451 and vice-versa. This does not have an effect on the analysis, I just wanted to double check since there were issues with these two samples.

Thanks!
Jessica Fetgatter

McCoy, Ian

From: Carbone, Irina
Sent: Friday, August 28, 2020 1:27 PM
To: McCoy, Ian
Subject: RE: Samples Switched NCR 8402

Thank you so much!

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Friday, August 28, 2020 01:26 PM
To: Carbone, Irina <Irina.Carbone@dep.state.fl.us>
Subject: RE: Samples Switched NCR 8402

Its uploaded now, sorry about that little hiccup. Attached is a copy of the saved file, hope it helps.

From: Carbone, Irina <Irina.Carbone@dep.state.fl.us>
Sent: Friday, August 28, 2020 1:09 PM
To: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: Samples Switched NCR 8402

Ian and Josh,

Thank you! I could not find the scanned field sheets in the usual folder. Could you please make it available, if possible.

Irina

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Friday, August 28, 2020 11:59 AM
To: Carbone, Irina <Irina.Carbone@dep.state.fl.us>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: Samples Switched NCR 8402

Good morning, we received an event on Wednesday that had two sites switched in the field by the inspector. I've placed the correct labels on the bottles already but for the following samples, lab data generated from 8/26/20 to as of this email will need to be switched.

2192442 and 2912443

2192444 and 2192445

2192446 and 2192447

If you have any questions, feel free to ask. Have a great day!

Ian McCoy
Laboratory Technician IV

850-245-8062

Florida Department of Environmental Protection

McCoy, Ian

From: Savage, Jacqueline
Sent: Friday, August 28, 2020 1:42 PM
To: McCoy, Ian; Power, Diane
Cc: Ayres, Joshua
Subject: RE: Samples Switched NCR 8402

Thanks, Ian!

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Friday, August 28, 2020 12:02 PM
To: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Power, Diane <Diane.Power@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: Samples Switched NCR 8402

Good afternoon, we received an event on Wednesday that had two sites switched in the field by the inspector. I've placed the correct labels on the bottles already (with the exception of the Chlorophylls) but for the following samples, lab data generated from 8/26/20 to as of this email will need to be switched.

2192448 and 2192449

2192450 and 2192451

If you have any questions, feel free to ask. Have a great day!

Ian McCoy
Laboratory Technician IV
850-245-8062
Florida Department of Environmental Protection

McCoy, Ian

From: Sherman, Jessica R
Sent: Friday, August 28, 2020 4:30 PM
To: Tull, Carina; McCoy, Ian
Cc: Mihalic, Jennifer; Power, Diane; Fetgatter, Jessica; Danyuk, Yuliya
Subject: RE: Samples Switched NCR 8402

The run log and actual frozen samples for CHL have been corrected. Thank you for fixing the WS Carina!

From: Tull, Carina <Carina.Tull@FloridaDEP.gov>
Sent: Friday, August 28, 2020 4:21 PM
To: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Cc: Mihalic, Jennifer <Jennifer.Mihalic@dep.state.fl.us>; Power, Diane <Diane.Power@dep.state.fl.us>; Sherman, Jessica R <Jessica.R.Sherman@FloridaDEP.gov>; Fetgatter, Jessica <Jessica.Fetgatter@FloridaDEP.gov>
Subject: RE: Samples Switched NCR 8402

Hello All,

The samples have been switched in their respective worksheets.

@McCoy, Ian Can you please save this conversation as a PDF and add it to the custody sheets for this event?

Thanks!
Carina.

From: Power, Diane <Diane.Power@dep.state.fl.us>
Sent: Friday, August 28, 2020 12:54 PM
To: Fetgatter, Jessica <Jessica.Fetgatter@FloridaDEP.gov>; Sherman, Jessica R <Jessica.R.Sherman@FloridaDEP.gov>; Tull, Carina <Carina.Tull@FloridaDEP.gov>
Cc: Mihalic, Jennifer <Jennifer.Mihalic@dep.state.fl.us>
Subject: FW: Samples Switched NCR 8402

FYI

Diane Power

Diane.Power@dep.state.fl.us
Environmental Manager
FDPE Laboratory-Biology Program
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Phone: (850) 245-8185



From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>

Sent: Friday, August 28, 2020 12:02 PM

To: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Power, Diane <Diane.Power@dep.state.fl.us>

Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>

Subject: Samples Switched NCR 8402

Good afternoon, we received an event on Wednesday that had two sites switched in the field by the inspector. I've placed the correct labels on the bottles already (with the exception of the Chlorophylls) but for the following samples, lab data generated from 8/26/20 to as of this email will need to be switched.

2192448 and 2192449

2192450 and 2192451

If you have any questions, feel free to ask. Have a great day!

Ian McCoy

Laboratory Technician IV

850-245-8062

Florida Department of Environmental Protection

McCoy, Ian

From: Fetgatter, Jessica
Sent: Friday, August 28, 2020 4:30 PM
To: Tull, Carina; McCoy, Ian
Cc: Mihalic, Jennifer; Power, Diane; Sherman, Jessica R
Subject: RE: Samples Switched NCR 8402

And I have corrected the QT Excel.

From: Tull, Carina
Sent: Friday, August 28, 2020 4:21 PM
To: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Cc: Mihalic, Jennifer <Jennifer.Mihalic@dep.state.fl.us>; Power, Diane <Diane.Power@dep.state.fl.us>; Sherman, Jessica R <Jessica.R.Sherman@FloridaDEP.gov>; Fetgatter, Jessica <Jessica.Fetgatter@FloridaDEP.gov>
Subject: RE: Samples Switched NCR 8402

Hello All,

The samples have been switched in their respective worksheets.

@McCoy, Ian Can you please save this conversation as a PDF and add it to the custody sheets for this event?

Thanks!
Carina.

From: Power, Diane <Diane.Power@dep.state.fl.us>
Sent: Friday, August 28, 2020 12:54 PM
To: Fetgatter, Jessica <Jessica.Fetgatter@FloridaDEP.gov>; Sherman, Jessica R <Jessica.R.Sherman@FloridaDEP.gov>; Tull, Carina <Carina.Tull@FloridaDEP.gov>
Cc: Mihalic, Jennifer <Jennifer.Mihalic@dep.state.fl.us>
Subject: FW: Samples Switched NCR 8402

FYI

Diane Power

Diane.Power@dep.state.fl.us
Environmental Manager
FDDEP Laboratory-Biology Program
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Phone: (850) 245-8185



From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>

Sent: Friday, August 28, 2020 12:02 PM

To: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Power, Diane <Diane.Power@dep.state.fl.us>

Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>

Subject: Samples Switched NCR 8402

Good afternoon, we received an event on Wednesday that had two sites switched in the field by the inspector. I've placed the correct labels on the bottles already (with the exception of the Chlorophylls) but for the following samples, lab data generated from 8/26/20 to as of this email will need to be switched.

2192448 and 2192449

2192450 and 2192451

If you have any questions, feel free to ask. Have a great day!

Ian McCoy

Laboratory Technician IV

850-245-8062

Florida Department of Environmental Protection

Login Checklist

RQ-2020-08-10-36

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/26/2020 11:40 15:30

*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	
2.7				12		✓			—

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 12

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No _____ NA ✓ Init: IM 12

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

Coolers Unpacked/Checked by: IM 12 Date: 8/26/2020 Event contains NCRs (Y/N)? Y

Event ID: Run 10
TLH-ROC-2020-08-26-01 (SMP)
Date Received: 26-AUG-2020 15:30

IM
8/28/20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #2 exp:11/5/20
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 exp: 11/1/22
Chlorine Test Strips	8261 exp: 07/2021

Additional Comments:

Sample sites switched in field, NCR 8402 has been generated, corrections have been made

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: _____

-IM
8/28/20

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/26/2020 **Collected By:** Ben Harden, Terry "Chris" Green
Customer: TLH-DIST **Sampling Agency:** FDEP
RQ: RQ-2020-08-10-36 **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
Fort Gadsden @ Mouth	 G2TLHR0023
Apalachicola River .8 Miles Upstream Owl Creek	 G2TLHR0042

RELINQUISHED BY(SIGNATURE): 

DATE/TIME: 08/26/20

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

IM

Rec'd/Inspected Date:

8/26/20



RQ-2020-08-10-36

Customer: WQAP

Project ID: SMP

Collected By: Ben Harden, Terry "Chris" Green

Field Report Prepared By: Ben Harden

Sampling Agency: FDEP

Place Label Here						Comments:					
WIN ID/Field ID:  G2TLHR0023											
Location: Fort Gadsden @ Mouth											
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)	
8/26/2020	13:05 EST	6.02	77.4	28.4	7.14	0.3	0.9 ☐ VOB (S)	7.7	120.5	0.03	
Central Lab please use top row for login purposes											
	13:07 EST	5.98	76.9	28.37	7.18	4.5			120.4	0.06	
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 #	SA0038110		Exp:	02/07/21					
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	B	
		Lot #	NA9301040		Exp:	10/28/20					
Filtered Nutrients (P-125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	B	
		Filter Lot #	16968882								
		Syringe Lot #	7086795								
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ 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			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 ☐ 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: Ben Harden Terry "Chris" Green				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: Fort Gadsden @ Mouth

Date: 8/26/2020

WIN/Field ID: G2TLHR0023

WBID: 1240

ENR:

Latitude: 29.9322

County: FRANKLIN

Org ID: 21FLTLHR

Longitude: -85.011

Receiving Body of Water: Apalachicola - Chipola

RQ- 2020-08-10-36

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Ben Harden	☒	☒			
☒	Terry "Chris" Green		☒		☒	☒
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☐ Pole
Depth measured with: Sonar	
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#	
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: METER EXO1 14G101018, BOTTOM READINGS TAKEN AS DEEP AS METER CORD WOULD ALLOW			

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_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-2020-08-10-36

Customer: WQAP

Project ID: SMP

Collected By: Ben Harden, Terry "Chris" Green

Field Report Prepared By: Ben Harden

Sampling Agency: FDEP

Place Label Here						Comments:				
WIN ID/Field ID: 										
G2TLHR0042										
Location: Apalachicola River .8 Miles Upstream Owl Creek										
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)
8/26/2020	13:25 EST	2.46	30.7	26.9	4.75	0.3	0.9 ☐ VOB (S)	3.1	29.7	0.01
Central Lab please use top row for login purposes										
	13:27 EST	2.53	31.2	26	4.53	2.6			31.8	0.01
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				☒ Ice ☐ H2SO4*		☒ <2	1	B
		Lot #	SA0038110		Exp:	02/07/21				
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	B
		Lot #	NA9301040		Exp:	10/28/20				
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	B
		Filter Lot #	16968882							
		Syringe Lot #	7086795							
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ 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			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 ☐ 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: Ben Harden Terry "Chris" Green				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: Apalachicola River .8 Miles Upstream Owl Creek

Date: 8/26/2020

WIN/Field ID: G2TLHR0042

WBID: 375D

ENR:

Latitude: 29.9822

County: LIBERTY

Org ID: 21FTLHR

Longitude: -85.0272

Receiving Body of Water: Apalachicola - Chipola

RQ- 2020-08-10-36

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Ben Harden	☒		☒		
☒	Terry "Chris" Green		☒		☒	☒
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☐ Pole
Depth measured with: Sonar	
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#	
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: METER EXO1 14G101018			

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_DMMYYYY)
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)

Date of Request: 27-JUL-2020
 Created By: ECKLES_M On: 27-JUL-2020
 Modified By: JASROTIA_P On: 28-JUL-2020
 Customer: TLH-ROC
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Not Applicable
 Event Description: Run 10

Send Coolers To:

Phone: 850-245-7586
 2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles
 Cooler Ship EMail: michael.eckles@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 27-JUL-2020
 Biology Request Reviewed By: JASROTIA_P On: 28-JUL-2020
 Sampling Kit Required: YES Ship on: 06-AUG-2020
 Sampling Kit Shipped: YES On: 31-JUL-2020
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 10-AUG-2020
 Logged In By: MCCOY_I On: 20-AUG-2020

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles
 Report Notification EMail: michael.eckles@dep.state.fl.us

Comments: Group A WBID 1262, 1272, & Dup
 Group B WBID 1240, 375B, & 375 D
 Group C Blank
 No fedex labels

Bottle Group A (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-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: 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-WO-THI	Number of Bottles: 3	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
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 Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-125ML Number of Bottles: 3 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 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 Type: P-125ML Number of Bottles: 3 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: 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-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: 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-WO-THI Number of Bottles: 3 Preserved With: ICE
 ECOLI-18QT Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: P-500ML Number of Bottles: 3 Preserved With: HNO3
 W-HARD Template: DEFAULT (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
 Hardness
 W-ICP Template: (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Barium
 Calcium
 Iron
 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
 Cadmium
 Chromium
 Copper
 Lead
 Nickel
 Selenium
 Silver
 Thallium

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE
 ALKALINITY Template: DEFAULT (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
 W-CL-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
 W-COLOR Template: DEFAULT (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)

Bottle Group C (Water) With 1 Samples:

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

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