

Klug, Kyle

From: Bunch, Cheryl
Sent: Tuesday, May 14, 2019 11:02 AM
To: Klug, Kyle
Cc: Ayres, Joshua
Subject: RE: RQ-2019-04-08-10

Kyle,
The field sheets were prepared by Ryan Cummings and the collection agency was Escambia County.
Sorry-didn't catch that it was not filled in.
Thank you,
Cheryl

Cheryl A. Bunch
Environmental Specialist
NW Regional Operations Center
Strategic Monitoring Program
Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
(850) 595-0571
Fax (850) 595-8417

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your E-mail communication may therefore be subject to public disclosure.

From: Klug, Kyle
Sent: Tuesday, May 14, 2019 9:53 AM
To: Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RQ-2019-04-08-10

Good morning,

Can you please let me know who collected RQ-2019-04-08-10 and who prepared the COC?

Thank you,



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

Log-in Checklist

RQ- 2019-04-08-10

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 5/14/19 @ 10:00

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
0.8				9		✓			4751 8778 1923
-0.2				12		✓			4751 8778 1912

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above standard temperature without customer notification/confirmation.**

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an 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 ✓ If yes, is it intact? Yes No

**Caps on tight? Yes ✓ No **Containers intact? Yes ✓ No

**Sufficient Sample Volume: Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No ✓ Init: KK

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

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

Coolers Unpacked/Checked by: KK Date: 5/14/19 NCRs (Y/N)? ✓

Event ID: Bayou Chico BMAP
NW-DIST-2019-05-14-01 (BMAP)

Page 1 of 2, 03/25/2018, Date Received: 14-MAY-2019 10:00

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	
pH Paper 0.0 – 3.0 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	222516 EXP:9/15/2019
Chlorine Test Strips Lot #	091417V EXP:9/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ If No_____

no, were samples shipped on dry ice? Yes_____ No_____

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

Central Laboratory Submittal Form

Bayou Chico BMAP

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By:

Project ID: BMAP

Collected By:

Sampling Agency:

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field	WIN ID/Field ID	☒ Grab	Date	Time	Central	Date	Time	
33020J10		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		
WIN/	Location	Temp (C)		pH	☐ ft	Sp. Conductance (umho/cm)		
Latitu	Pensacola Bay at Sanders Beach-Bottle Group C	☐ dd	Salinity (ppt)	Comments				
33020J10		☐ dms						
33020JD4		☐ dd	Salinity (ppt)					
33020JD4		☐ dms						
33020JD4		☐ dd	Salinity (ppt)					
33020JD4		☐ dms						
33020J21		☐ dd	Salinity (ppt)					
33020J21		☐ dms						
33020J22		☐ dd	Salinity (ppt)					
33020J22		☐ dms						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Cheryl Bunch	5/13/19 1630	Fedex	2	HK	5.14.19 / 10:00

Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>overflow Lab</u>
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4 H2SO4 LOT# SA8197090 EXP: 07/16/2019	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>overflow Lab</u>
Group: B	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4 H2SO4 LOT# SA8197090 EXP: 07/16/2019	Enter Number of Bottles Sent to Lab <u>3</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 H2SO4 LOT# SA8197090 EXP: 07/16/2019	Enter Number of Bottles Sent to Lab <u>1</u>

Request Number: RQ-2019-04-08-10

Bayou Chico BMAP

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By:

Project ID: BMAP

Collected By:

Sampling Agency:

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
WIN ID/Field ID		☒ Grab	Date	Time	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		B
33020117		Fresh		5.32		(mg/L)		
WIN/S		Temp (C)	pH	Sample Depth	Sp. Conductance			
Location		23.08	6.48	0.15	06.7			
Latitude		Jones Creek Upstream of New Warrington Rd-Bottle Group B		Comments				
☐ dms		☐ dd		☐ dms				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
WIN ID/Field ID		☒ Grab	Date	Time	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		A
3302JE20		Salt		6.15		(mg/L)		
WIN/S		Temp (C)	pH	Sample Depth	Sp. Conductance			
Location		26.87	6.47	0.15	9640.4			
Latitude		Bayou Chico at Navy Blvd. Bridge-Bottle Group A		Comments				
☐ dms		☐ dd		☐ dms				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
WIN ID/Field ID		☒ Grab	Date	Time	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		A
33020JF1		Salt		4.06		(mg/L)		
WIN/S		Temp (C)	pH	Sample Depth	Sp. Conductance			
Location		26.26	6.96	0.15	1359.5			
Latitude		Bayou Chico at at W St. Bridge-Bottle Group A		Comments				
☐ dms		☐ dd		☐ dms				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID		☐ Grab	Date	Time	Central	Date	Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		
						(mg/L)		
Latitude		Temp (C)	pH	Sample Depth	Sp. Conductance			
☐ dd		☐ dd		☐ m		☐ ft		
☐ dms		☐ dms		☐ m		☐ ft		
Longitude		Salinity (ppt)		Comments				
☐ dms		☐ dms						

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

KK

5.14.19 / 10:00

Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab

Document Reference # 05.1.0

Sampler's initials: KLSW

Page 1 of 1

Date/Time:

[illegible]

Sample Container Lot #: L18145

Phone: 595-0571

Sampler's name:

³ Recorded using IRT-2

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

Date of Request: 25-JAN-2019
 Created By: BUNCH_CA On: 25-JAN-2019
 Modified By: JASROTIA_P On: 13-MAR-2019
 Customer: NW-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Bayou Chico BMAP

Send Coolers To:

Phone: 850-595-8300
 160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 13-MAR-2019

Biology Request Reviewed By: JASROTIA_P On: 13-MAR-2019

Sampling Kit Required: YES Ship on: 29-MAR-2019

Sampling Kit Shipped: YES On: 27-MAR-2019

Sampling Kit Packed By: KLUG_K

Preservatives Needed: NO

Date to Receive Samples: 13-MAY-2019

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments:

Bottle Group A (Water) With 3 Samples:

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: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by UWF Laboratory in Pensacola
Bottle Type: P-250ML	Number of Bottles: 3	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
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

Bottle Group B (Water) With 3 Samples:

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: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola
Bottle Type: P-250ML	Number of Bottles: 3	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML	Number of Bottles: 1	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices

Bottle Group C (Water) With 1 Samples:

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
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