

Shaik, Amzad

From: Dana Morton <dmorton@myescambia.com>
Sent: Thursday, July 15, 2021 10:59
To: Shaik, Amzad; King, Michael
Cc: Dana Morton
Subject: RE: [EXTERNAL]RQ-2021-07-12-06 MISSING SAMPLES
Attachments: RQ-2021-07-12-06.pdf; 2021_BMAPMonitoringSchedule.docx

Amzad-

The five highlighted samples on this chain are the sites the county and DEP had agreed would be analyzed by DEP/TALL. Chemistry on the other two sites will be performed by the county.

The attached WORD document has the agreed upon schedule and "lab assignments" for this year.

Please call if there are any questions.

-dana morton

Dana Morton

Environmental Programs Manager
Water Quality & Land Management Division
Department of Natural Resources Management
Central Office Complex
3363 West Park Place
Pensacola, FL 32505
Office: 850-595-1865
Mobile: 850-554-4228
Email: dmorton@myescambia.com

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From: Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>
Sent: Thursday, July 15, 2021 6:34 AM
To: King, Michael <Michael.King@dep.state.fl.us>; Dana Morton <dmorton@myescambia.com>
Subject: [EXTERNAL]RQ-2021-07-12-06 MISSING SAMPLES

WARNING! This email originated from an outside network. **DO NOT CLICK** links or attachments unless you recognize the sender and know the content is safe.

Please check the attached file, according submittal form seven samples collected, lab received highlighted five samples.

Please clarify the missing two sites.

Thanks,

Amzad Shaik
Florida DEP Labs
Scientific Support Section
Office:850-245-8081
Direct:58081



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Login Checklist

RQ- **2021 - 07 - 12 - 06**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **07-14-2021 / 09:20**

*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	
3.9c				10		X			9293 8014 7927

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/ FieldSheet(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 **X** No ☒ Init: **ABS** /

Chlorine detected? (One container checked per Field ID)

Yes _____ No **X** 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 **X** 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: **07-14-2021** Event contains NCRs (Y/N)? **N**

Event ID: **NW - DIST - 2021 - 07 - 14 - 02**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0 – 6	Lot # 232518V EXP:NOV 30 2021
pH Paper 0 – 3	N/A
pH Paper 0 – 13	Lot # 231019 EXP:NOV 1 2022
Chlorine Test Strips	0261 2023 / 05

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: _____

Request Number: RQ-2021-07-12-06

Bayou Chico BMAP DEP Chemistry/OV-Micro

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Kaityn Price

Project ID: BMAP

Collected By: Travis Maloney

Sampling Agency: ESC WQIM

Location Chico Mandalay		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-12-21 Time 1130		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) A
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 71.77	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 33020JD4		Temp (C) 28.79	pH 6.6		Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 4,800.6	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 2.6	Comments					
Location Jackson Old Cory		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-12-2021 Time 1205		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) C
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 87.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 33020221		Temp (C) 26.71	pH 6.53		Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 133.8	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments					
Location Jackson N. Warrington		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-12-2021 Time 1240		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) C
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 86.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 33020222		Temp (C) 27.53	pH 6.30		Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 122.4	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments					
Location Jones upstream Navy		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-12-21 Time 1305		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) C
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 50.5	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 33020117		Temp (C) 26.36	pH 5.80		Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 60.37	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.03	Comments					

Relinquished By: Kaityn Price	Date/Time 7-12-21 17:35	Shipping Method FEDEX	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 07-14-21 19:20
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SAN turbidity 5 samples 7/14/21 @ 10:21 am

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: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# 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 _____
Group: D	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: D	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 _____

Request Number: RQ-2021-07-12-06

Bayou Chico BMAP DEP Chemistry/OV-Micro

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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 last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: BMAP

Collected By:

Sampling Agency:

Location Chico @ Navy Blvd Bridge		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-12-21 Time 1420	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Marine		Diss. Oxygen 97.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN/STORET # 3302JE20		Temp (C) 29.8	pH 6.62	Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 3049.3
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 1.6	Comments			
Location Chico downstream W St		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-12-21 Time 1440	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 53.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN/STORET # 33020JF1		Temp (C) 27.43	pH 6.32	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 479.7
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.23	Comments			
Location Sanders Beach		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-12-21 Time 10:50	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 95.28	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) 27.81	pH 7.51	Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 14,847.3
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 8.76	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: Kaitlynn Price	Date/Time 7-12-21 17:35	Shipping Method Exdct	Number of Coolers Shipped: 1	Received By: ABJ	Date/Time 07-14-21/9:20
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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: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# 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 _____
Group: D	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: D	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 _____

Date of Request: 27-APR-2021
 Created By: KING_M On: 27-APR-2021
 Modified By: JASROTIA_P On: 11-JUN-2021
 Customer: NW-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Bayou Chico BMAP DEP Chemistry/OV-Micro

Send Coolers To:

Phone: 850-554-4228
 Water Quality & Land Management Division
 3363 West Park Place
 Pensacola, FL 32505
 Attn: Dana Morton
 Cooler Ship EMail: dmorton@myescambia.com

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 09-JUN-2021
 Biology Request Reviewed By: JASROTIA_P On: 11-JUN-2021
 Sampling Kit Required: YES Ship on: 02-JUL-2021
 Sampling Kit Shipped: YES On: 28-JUN-2021
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 12-JUL-2021
 Logged In By: SHAIK_A On: 14-JUL-2021

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Michael King
 Report Notification EMail:
 michael.king@dep.state.fl.us;alicia.hogue@dep.state.fl.us;anita.n
 ash@dep.state.fl.us;myranda.k.butler@floridaDEP.gov

Comments: MICRO/Nutrients

1 - case of sulfuric acid

Bottle Group A (Water) With 3 Samples:

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 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 2 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

Bottle Group C (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-250ML	Number of Bottles: 1	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
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 Group D (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 Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4

Bottle Group D (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