

Klug, Kyle

From: Klug, Kyle
Sent: Thursday, June 16, 2022 11:58 AM
To: dmorton@myescambia.com
Cc: Slade, Christopher "Stopher"
Subject: RQ-2022-06-13-27

Importance: High

Good morning,

Unfortunately the cooler you sent for this event did not arrive until today, resulting in all of the turbidity samples arriving late. The data for these samples will be 'Q' qualified. Please let me know if you have any questions.

Thank you,
Kyle



KYLE KLUG

Environmental Specialist III
Scientific Services Support Program
FDEP Laboratories
Voice: 850.245.8153
Kyle.Klug@floridadep.gov

Login Checklist

RQ- 2022-06-13-27

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/ 16 /22 @ 9:35

*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	
15.9				12		✓			5225 5577 7326

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# 9723

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: 6/ 16 /22

Event contains NCRs (Y/N)? Y

Event ID:

Bayou Chico BMAP

NW-DIST-2022-06-16-02 (BMAP)

Date Received: 16-JUN-2022 09:35

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#223819 EXP:8-30-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 EXP:3-15-24
Chlorine Test Strips	Lot#0070 EXP:2-23

Additional Comments:

6 turbidity
103 6/16/2022 10:16

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: _____

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Myranda ClarkField Report Prepared By: Kathy Price

Project ID: BMAP

Collected By: KP, TM, Jo, PSSampling Agency: ESC WQLM

Location <u>Sanders Beach</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6.13.22</u> Time <u>9:05</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <u>33020510</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>80.6</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) <u>29.1</u>	pH <u>7.44</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>29,944.3</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>18.86</u>	Comments <u>Field Blank @ 9:20</u>			
Location <u>Mandalay Drive</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6.13.2022</u> Time <u>9:40</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>33020504</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>113.8</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) <u>30.5</u>	pH <u>7.89</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>24,167.1</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>15.0</u>	Comments			
Location <u>Jackson Creek @ Old Corry</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6.13.2022</u> Time <u>10:35</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>33020221</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>79.40</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) <u>24.90</u>	pH <u>7.14</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>138.4</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.07</u>	Comments			
Location <u>Jackson Creek @ New Warrington</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6.13.22</u> Time <u>11:00</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>33020222</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>68.46</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) <u>25.50</u>	pH <u>6.84</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>126.86</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.06</u>	Comments			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Kathy Price6.13.22 16:00Priority overnight2KK6.16.22 / 0935

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 _____
Group: E	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: E	Bottle Type: W-NH3 W-NO2NO3	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Bayou Chico BMAP

Customer: NW-DIST

Requester: Myranda ClarkField Report Prepared By: KP

Project ID: BMAP

Collected By: KP, TM, JO, PSSampling Agency: ESC-WGLA

Location <u>Jones Creek Upstream of N Navy Blvd.</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6.13.22</u> Time <u>11:25</u>		Eastern ☒ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) Site not received <u>sh</u>
Field ID <u>33020117</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>54.66</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C) <u>26.13</u>	pH <u>6.74</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>87.54</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.04</u>		Comments				
Location <u>Bayou Chico @ Navy Blvd Bridge</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6.13.22</u> Time <u>13:15</u>		Eastern ☒ Central	Composite end Date _____ Time _____		Bottle Group(s) A
Field ID <u>33025E20</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>110.9</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C) <u>30.65</u>	pH <u>6.50</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>13,480</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>7.9</u>		Comments				
Location <u>Chico @ W Street</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6.13.22</u> Time <u>13:45</u>		Eastern ☒ Central	Composite end Date _____ Time _____		Bottle Group(s) A
Field ID <u>330205F2</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>79.11</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C) <u>27.44</u>	pH <u>6.96</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>1800.8</u>		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.92</u>		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: <u>Thaithy Price</u>	Date/Time <u>6.13.22 16:00</u>	Shipping Method <u>Priority Overnight</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>KK</u>	Date/Time <u>6.16.22 10935</u>
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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 _____
Group: E	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: E	Bottle Type: W-NH3 W-NO2NO3	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

Date of Request: 19-MAY-2022
 Created By: CLARK_M On: 19-MAY-2022
 Modified By: JASROTIA_P On: 26-MAY-2022
 Customer: NW-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Bayou Chico BMAP

Send Coolers To:

Phone: 850-554-4228
 3363 West Park Place

 Pensacola, FL 32505
 Attn: Dana Morton
 Cooler Ship EMail: dmorton@myescambia.com

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 26-MAY-2022
 Biology Request Reviewed By: JASROTIA_P On: 26-MAY-2022
 Sampling Kit Required: YES Ship on: 03-JUN-2022
 Sampling Kit Shipped: YES On: 03-JUN-2022
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 13-JUN-2022
 Logged In By:

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Anita Nash
 Report Notification EMail:
 Christopher.Slade@dep.state.fl.us;anita.nash@dep.state.fl.us;m
 yranda.k.butler@floridaDEP.gov

Comments: Bottle Group A: Nutrients & Micro(Enter)-UWF Lab
 Bottle Group B: Micro Only-UWF Lab
 Bottle Group C: Nutrients & Micro(Ecoli)-UWF Lab
 Bottle Group D: Nutrients Only
 Bottle Group E: Field Blank using DI Water

Need FedEx packing slips

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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
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
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 E (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
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