

RQ- 2021-10-11-03

Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | GreyhoundDate/Time of Receipt: 10/12/21 @ 9:20

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present? Yes No		*Intact? Yes No		
<u>3.8</u>				<u>12</u>		<u>X</u>			<u>1278 4012 2815</u>

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 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 ✓ 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 X Init: 39

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: 39

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

Yes _____ No _____ NA X Init: 39

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

Coolers Unpacked/Checked by: Zac RobertsDate: 10/12/21Event contains NCRs (Y/N)? NEvent ID Bayou Chico BMAP DEP Chemistry/OV-Mic
NW-DIST-2021-10-12-01 (BMAP)Date Received: 12-OCT-2021 09:20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/28/2021
pH Test Strips 0 – 6	N/A
pH Paper 0 – 3	N/A
pH Paper 0 – 13	210620 EXP:04/15/2023
Chlorine Test Strips	0261 EXP:05/2023

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: Michael King

Field Report Prepared By: T. Moloney, K. Price

Project ID: BMAP

Collected By: Escambia County

Sampling Agency: Escambia County

Location Jones Creek Upstream of North Navy Blvd		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10-11-21</u> Time <u>11:55⁴⁵</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s) (See pg 3) B	
Field ID 33020117		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>4.60</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET # 33020117		Temp (C) <u>24.82</u>	pH <u>6.26</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>66.78</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.03</u>	Comments Micro Only-Contract Laboratory				
Location Bayou Chico at Navy Blvd. Bridge		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10-11-21</u> Time <u>13:10</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID 3302JE20		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>9.03</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET # 3302JE20		Temp (C) <u>28.1</u>	pH <u>6.40</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>6488.30</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>3.6</u>	Comments				
Location Bayou Chico at W St. Bridge		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10-11-2021</u> Time <u>13:30</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID 33020JF1		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>5.90</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET # 33020JF1		Temp (C) <u>26.16</u>	pH <u>6.23</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>1944.10</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>1.00</u>	Comments				
Location Bayou Chico at Mandalay Drive		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10-11-2021</u> Time <u>10:20</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID 33020JD4		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>9.88</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET # 33020JD4		Temp (C) <u>26.14</u>	pH <u>7.02</u>	Sample Depth <u>0.20</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>7089.98</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>3.95</u>	Comments				

Relinquished By: <u>Kathy Price ES-WGLH</u>	Date/Time <u>10-11-2021 16:35</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>Zac Roberts</u>	Date/Time <u>10-12-2021 9:20</u>
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Bayou Chico BMAP

DEP/Chem/OV-Micro Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: K. Price

Project ID: BMAP

Collected By: Escambia County

Sampling Agency: Escambia County

Location Pensacola Bay at Sanders Beach		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-21 Time 9:50	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 3)
Field ID 33020J10		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.20	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET # 33020J10		Temp (C) 26.4	pH 7.11	Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 13741.2
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 8.1	Comments			
Location Pensacola Bay at Sanders Beach		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-21 Time 4:55	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID EB_10112021		Matrix (type, e.g., Salt, Fresh, etc) Equipment Blank		Diss. Oxygen 7.24	☒ 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			
Location Jackson Creek @ Old Corry Road		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-21 Time 10:55	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID 33020221		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.24	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET # 33020221		Temp (C) 24.86	pH 6.64	Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 136.70
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments			
Micro Only-Contract Laboratory						
Location Jackson Creek at New Warrington Road		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-11-21 Time 11:20	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID 33020222		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.23	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET # 33020222		Temp (C) 25.76	pH 6.53	Sample Depth 0.20	☐ ft ☒ m	Sp. Conductance (umho/cm) 127.62
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments Chlorophyll collected at 12:15			

Relinquished By: <i>Michael King ESC WGLM</i>	Date/Time 10-11-2021 16:35	Shipping Method Fed EX	Number of Coolers Shipped: 1	Received By: Zoe Roberts	Date/Time 10-12-2021 9:20
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Date of Request: 29-APR-2021
 Created By: KING_M On: 29-APR-2021
 Modified By: JASROTIA_P On: 16-SEP-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: AYRES_J On: 16-SEP-2021
 Biology Request Reviewed By: JASROTIA_P On: 16-SEP-2021
 Sampling Kit Required: YES Ship on: 01-OCT-2021
 Sampling Kit Shipped: YES On: 24-SEP-2021
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: YES
 Date to Receive Samples: 11-OCT-2021
 Logged In By: ROBERTS_Z On: 12-OCT-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
 Please Send Case of H2SO4

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 2 Samples:

Bottle Type: P-250ML	Number of Bottles: 2	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 2	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 D (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	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