

Log-in Checklist

RQ-2019-07-08-23

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 08/13/19 @ 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	
2.0°C				12		X			4751 8782 3062
1.7°C				9		X			4751 8782 3051

* 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 the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

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

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X 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 X Init: Tyler

Chlorine detected? (One container checked per Field ID) Yes No Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: Tyler

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA X Init: Tyler

Coolers Unpacked/Checked by: Tyler Reynolds Date: 08/13/19 NCRs (Y/N)? N

Event ID Bayou Chico BMAP NCR #

NW-DIST-2019-08-13-03 (BMAP)

Date Received: 13-AUG-2019 10:00

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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:	REC_04_2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 EXP: 07/30/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ No_____

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: _____

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: D. Morten

Project ID: BMAP

Collected By: D. Morten / T. MolonySampling Agency: ESC WQLM

Location	WIN ID/Field ID	33020J10	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8.12.2019</u> Time <u>0940</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>4.76</u> ☒ mg/L <u>72.2</u> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN	Location			Temp (C) <u>30.61</u>	pH <u>7.32</u>	Sample Depth <u>0.2</u> ☒ ft ☒ m	Sp. Conductance (umho/cm) <u>36523.5</u>
Latitude			☐ dd ☐ dms	Salinity (ppt) <u>23.5</u>	Comments		<u>C</u>
Location	WIN ID/Field ID	33020JD4	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8.12.2019</u> Time <u>1015</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>4.95</u> ☒ mg/L <u>78.0</u> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN	Location			Temp (C) <u>32.07</u>	pH <u>7.62</u>	Sample Depth <u>0.2</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>33478.8</u>
Latitude			☐ dd ☐ dms	Salinity (ppt) <u>23.5</u>	Comments		<u>A</u>
Location	WIN ID/Field ID	33020221	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8.12.2019</u> Time <u>1115</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>6.94</u> ☒ mg/L <u>80.8</u> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN	Location			Temp (C) <u>26.96</u>	pH <u>8.23</u>	Sample Depth <u>0.15</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>143.2</u>
Latitude			☐ dd ☐ dms	Salinity (ppt) <u>0</u>	Comments		<u>B</u>
Location	WIN ID/Field ID	33020222	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8.12.2019</u> Time <u>1130</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>7.64</u> ☒ mg/L <u>70.6</u> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN	Location			Temp (C) <u>26.96</u>	pH <u>7.38</u>	Sample Depth <u>0.15</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>131.6</u>
Latitude			☐ dd ☐ dms	Salinity (ppt) <u>0.1</u>	Comments		<u>B</u>

Relinquished By: <u>D. Morten</u>	Date/Time: <u>8.12.2019 1105</u>	Shipping Method	Number of Coolers Shipped: <u>142</u>	Received By: <u>Tyler R.</u>	Date/Time: <u>08/13/19 @ 10:00</u>
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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# SA8274050 EXP: 10/01/2019	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# SA8274050 EXP: 10/01/2019	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# SA8274050 EXP: 10/01/2019	Enter Number of Bottles Sent to Lab <u>1</u>

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: D. Matan

Project ID: BMAP

Collected By: D. Matan

Sampling Agency: ESC WQLM

Location	WIN ID/Field ID	33020117	☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end	Bottle Group(s)
Field	Location	Jones Creek Upstream of New Warrington Rd-Bottle Group B	Date	8.12.2019	Time	1150	Date Time
WIN	Location	Jones Creek Upstream of New Warrington Rd-Bottle Group B	Matrix (type, e.g., Salt, Fresh, etc)	(Salt, Fresh, etc)	Diss. Oxygen	5.48	☒ mg/L ☐ % sat
Latitude	Location	Jones Creek Upstream of New Warrington Rd-Bottle Group B	Temp (C)	25.48	pH	6.76	Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm)
	Location	Jones Creek Upstream of New Warrington Rd-Bottle Group B	Salinity (ppt)	0	Sample Depth	0.15	82.9 13
	Location	Jones Creek Upstream of New Warrington Rd-Bottle Group B	Comments				

Location	WIN ID/Field ID	33020JF1	☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end	Bottle Group(s)
Field	Location	Bayou Chico at W St. Bridge-Bottle Group A	Date	8.12.2019	Time	1250	Date Time
WIN	Location	Bayou Chico at W St. Bridge-Bottle Group A	Matrix (type, e.g., Salt, Fresh, etc)	(Salt, Fresh, etc)	Diss. Oxygen	5.66	☒ mg/L ☐ % sat
Latitude	Location	Bayou Chico at W St. Bridge-Bottle Group A	Temp (C)	30.56	pH	6.57	Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm)
	Location	Bayou Chico at W St. Bridge-Bottle Group A	Salinity (ppt)	1.8	Sample Depth	0.15	3450.1 A
	Location	Bayou Chico at W St. Bridge-Bottle Group A	Comments				

Location	WIN ID/Field ID	3302JE20	☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end	Bottle Group(s)
Field	Location	Bayou Chico at Navy Blvd. Bridge-Bottle Group A	Date	8.12.2019	Time	1250	Date Time
WIN	Location	Bayou Chico at Navy Blvd. Bridge-Bottle Group A	Matrix (type, e.g., Salt, Fresh, etc)	(Salt, Fresh, etc)	Diss. Oxygen	5.66	☒ mg/L ☐ % sat
Latitude	Location	Bayou Chico at Navy Blvd. Bridge-Bottle Group A	Temp (C)	30.56	pH	6.57	Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm)
	Location	Bayou Chico at Navy Blvd. Bridge-Bottle Group A	Salinity (ppt)	1.8	Sample Depth	0.15	3450.1 A
	Location	Bayou Chico at Navy Blvd. Bridge-Bottle Group A	Comments				

Location	WIN ID/Field ID	33020JF1	☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end	Bottle Group(s)
Field	Location	Bayou Chico @ W Street	Date	8.12.2019	Time	1320	Date Time
WIN/STORET #	Location	Bayou Chico @ W Street	Matrix (type, e.g., Salt, Fresh, etc)	(Salt, Fresh, etc)	Diss. Oxygen	5.66	☒ mg/L ☐ % sat
Latitude	Location	Bayou Chico @ W Street	Temp (C)	30.56	pH	6.59	Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm)
	Location	Bayou Chico @ W Street	Salinity (ppt)	2.5	Sample Depth	0.2	4697.7 A
	Location	Bayou Chico @ W Street	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
D. Matan	8.12.2019 1406		2 of 2	Tyler R.	08/13/19 @ 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 :

Page 1 of 1

Date/Time:

Date/Time:

[illegible]

Sample Container Lot # 6 8 45

Phone: 595-0571

Sampler's name: D. S. H. T. a

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

³ Recorded using IRT-2

Date of Request: 04-JUN-2019
 Created By: BUNCH_CA On: 04-JUN-2019
 Modified By: WATTS_J On: 18-JUN-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: 18-JUN-2019

Biology Request Reviewed By: JASROTIA_P On: 18-JUN-2019

Sampling Kit Required: YES Ship on: 28-JUN-2019

Sampling Kit Shipped: YES On: 25-JUN-2019

Sampling Kit Packed By: REYNOLDS_T

Preservatives Needed: NO

Date to Receive Samples: 12-AUG-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/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 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) E. coli by Colilert-18/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 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 Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4

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